

1. TO PREPARE BIO-DATA...

```
10 REM * PROGRAM TO PREPARE BIO-DATA *
20 CLS
30 INPUT "ENTER YOUR GOOD NAME ----- "; N$
40 INPUT "ENTER YOUR FATHER'S NAME- "; F$
50 INPUT "ENTER YOUR SEX----- "; S$
60 INPUT "ENTER YOUR DATE OF BIRTH--- "; D$
70 INPUT "ENTER YOUR QUALIFICATION-- "; Q$
80 INPUT "ENTER YOUR RELIGION----- "; R$
90 INPUT "ENTER YOUR NATIONALITY----- "; NA$
100 CLS
110 PRINT "B I O - D A T A"
120 PRINT "-----"
130 PRINT
140 PRINT "YOUR GOOD NAME ----- "; N$
150 PRINT "YOUR FATHER'S NAME- "; F$
160 PRINT "YOUR SEX----- "; S$
170 PRINT "YOUR DATE OF BIRTH--- "; D$
180 PRINT "YOUR QUALIFICATION-- "; Q$
190 PRINT "YOUR RELIGION----- "; R$
200 PRINT "YOUR NATIONALITY----- "; NA$
210 END
```

OUTPUT:

```
BIO-DATA
NAME.....TAASEEN
FATHER'S NAME.....ALI
DATE OF BIRTH.....16-9-2001
SEX.....MALE
NATIONALITY.....PAKISTANI
QUALIFICATION.....WEBSITE DESIGNER
RELIGION.....ISLAM
```

2. PROGRAM TO PRINT YOUR NAME 10 TIMES USING FOR-NEXT..

```
10 REM * PROGRAM TO PRINT YOUR NAME TEN TIMES *
20 CLS
30 INPUT "ENTER YOUR NAME =====>"; N$
40 CLS
50 PRINT "PRINTING OF NAME TEN TIMES"
60 PRINT "BY USING FOR-NEXT STATEMENT"
70 PRINT
80 FOR A = 1 TO 10
90 PRINT A; N$
100 NEXT A
110 END
```

OUTPUT:

PRINTING OF NAMES 10 TIMES

```
ENTER YOUR NAME? TAASEEN
TAASEEN
TAASEEN
TAASEEN
TAASEEN
TAASEEN
TAASEEN
TAASEEN
TAASEEN
TAASEEN
TAASEEN
```

3. PROGRAM TO PRINT YOUR NAME 10 TIMES USING IF-THEN

```
10 REM * PROGRAM TO PRINT YOUR NAME TEN TIMES *
20 CLS
30 INPUT "ENTER YOUR NAME =====>"; N$
40 CLS
50 PRINT "PRINTING OF NAME TEN TIMES"
60 PRINT "BY USING IF-THEN STATEMENT"
70 PRINT
80 A = A + 1
90 PRINT A; N$
100 IF A = 10 THEN END ELSE 80
```

OUTPUT:

PRINTING OF NAMES 10 TIMES USING IF-THEN

```
0    TAASEEN
1    TAASEEN
2    TAASEEN
3    TAASEEN
4    TAASEEN
5    TAASEEN
6    TAASEEN
7    TAASEEN
8    TAASEEN
9    TAASEEN
```

4.PROGRAM TO CALCULATE SQUARE AND CUBE OF FIRST 10 NATURAL NUMBERS

```
10 REM * PROGRAM TO CALCULATE SQUARE AND CUBES *  
20 CLS  
30 PRINT "NUMBERS", "SQUARE", "CUBE"  
40 PRINT  
50 FOR A = 1 TO 10  
60 PRINT A, A^2, A^3  
70 NEXT A  
80 PRINT A  
90 END
```

OUTPUT:

SQUARE AND CUBE OF FIRST 10 NUMBERS

NATURAL	SQUARE	CUBE
1	1	1
2	4	8
3	9	27
4	16	64
5	25	125
6	36	216
7	49	343
8	64	512
9	81	729
10	100	1000

5.PROGRAM TO PRINT SUM OF FIRST 10 NATURAL NUMBERS

```
10 REM * PROGRAM TO PRODUCE SUM OF NUMBERS *
20 CLS
30 PRINT "NUMBERS"
40 PRINT
50 FOR N = 1 TO 10
60 SUM = SUM + N
70 PRINT N
80 NEXT N
90 PRINT
100 PRINT "SUM OF FIRST TEN NATURAL NUMBERS IS ";SUM
110 PRINT
120 END
```

OUTPUT:

sum of first 10 natural numbers

1
2
3
4
5
6
7
8
9
10

THE SUM IS... 55

6.PROGRAM TO PRINT NUMBERS IN ASCENDING ORDER

```
10 REM * PROGRAM TO ARRANGE NUMBERS IN ASCENDING ORDER*
20 CLS
30 PRINT "NUMBERS IN ASCENDING ORDER"
40 PRINT
50 FOR A = 3 TO 28 STEP 5
60 PRINT A
70 NEXT A
80 END
```

OUTPUT:

NUMBERS IN ASCENDING ORDER

3
8
13
18
23
28

7.PROGRAM TO PRINT NUMBERS IN DESCENDING ORDER

```
10 REM * PROGRAM TO ARRANGE NUMBERS IN DESCENDING ORDER *  
20 CLS  
30 PRINT "NUMBERS IN DESCENDING ORDER"  
40 PRINT  
50 FOR A = 28 TO 3 STEP -5  
60 PRINT A  
70 NEXT A  
80 END
```

OUTPUT:

NUMBERS IN DESCENDING ORDER

28
23
18
13
8
3

8.PROGRAM TO PREPARE MULTIPLICATION TABLE

```
10 REM * PROGRAM TO PREPARE MULTIPLICATION TABLE *
20 CLS
30 INPUT "ENTER TABLE NUMBER"; N
40 CLS
50 PRINT "TABLE OF ....."; N
60 PRINT
70 FOR A = 1 TO 10
80 PRINT N; "*"; A; " = "; N * A
90 NEXT A
100 END
```

OUTPUT:

TABLE OF ANY NO

ENTER ANY NO? 7

```
7 * 1 = 7
7 * 2 = 14
7 * 3 = 21
7 * 4 = 28
7 * 5 = 35
7 * 6 = 42
7 * 7 = 49
7 * 8 = 56
7 * 9 = 63
7 * 10 = 70
```


9.PROGRAM TO CALCULATE AVERAGE OF FOUR NUMBERS

```
10 REM * PROGRAM TO FIND THE AVERAGE OF NUMBERS *
20 CLS
30 INPUT "ENTER FIRST NUMBER----- "; N1
40 INPUT "ENTER SECOND NUMBER----- "; N2
50 INPUT "ENTER THIRD NUMBER----- "; N3
60 INPUT "ENTER FOURTH NUMBER----- "; N4
70 AVG = (N1 + N2 + N3 + N4) / 4
80 PRINT "FIRST NUMBER----- "; N1
90 PRINT "SECOND NUMBER----- "; N2
100 PRINT "THIRD NUMBER----- "; N3
110 PRINT "FOURTH NUMBER----- "; N4
120 PRINT
130 PRINT "AVERAGE OF FOUR NUMBERS----"; AVG
140 END
```

OUTPUT:

```
FIRST NUMBER IS= 7
SECOND NUMBER IS= 4
THIRD NUMBER IS= 3
FOURTH NUMBER IS= 6

AVERAGE IS= 5
```

10. PROGRAM TO CONVERT TEMPERATURE FROM FARENHEIT TO CENTIGRADE

```
10 CLS
20 PRINT "FARENHEIT INTO CENTIGRADE"
30 PRINT
40 INPUT "ENTER TEMPERATURE IN FARENHEIT";F
50 LET S=9/5*F-32
60 PRINT "TEMPERATUE IN FARENHEIT....";F
70 PRINT
80 PRINT "CONVERTED IN CENTIGRADE....";S
90 END
```

OUTPUT:

FARENHEIT INTO CENTIGRADE

ENTER TEMPERATURE IN FARENHEIT? 89

TEMPERATUE IN FARENHEIT.... 89

CONVERTED IN CENTIGRADE.... 128.2

11. PROGRAM TO CONVERT TEMPERATURE FROM CENTIGRADE TO FARENHEIT

```
10 CLS
20 PRINT "CENTIGRADE INTO FARENHEIT"
30 PRINT
40 INPUT "ENTER TEMPERATURE IN CENTIGRADE";C
50 LET F=5/9*C+32
60 PRINT
70 PRINT "TEMPERATURE IN CENTIGRADE";C
80 PRINT
90 PRINT "CONVERTED IN FARENHEIT";F
100 END
```

OUTPUT:

CENTIGRADE INTO FARENHEIT

ENTER TEMPERATURE IN CENTIGRADE? 89

TEMPERATURE IN CENTIGRADE 89

CONVERTED IN FARENHEIT 81.44445

12. PROGRAM TO PREPARE ELECTRICITY BILL.

```
10 REM * PROGRAM TO PREPARE ELECTRICITY BILL *
20 CLS
30 INPUT "ENTER CONSUMER NAME ----- "; CN$
40 INPUT "ENTER METER NUMBER----- "; MN$
50 INPUT "ENTER PREVIOUS READING---- "; PV
60 INPUT "ENTER PRESENT READING----- "; PR
70 UC = PR - PV
80 AMT = UC * 1.25
90 CLS
100 PRINT "ELECTRICITY BILL"
110 PRINT "-----"
120 PRINT
130 PRINT "CONSUMER NAME----- "; CN$
140 PRINT "METER NUMBER----- "; MN$
150 PRINT "PREVIOUS READING---- "; PV
160 PRINT "PRESENT READING----- "; PR
170 PRINT
180 PRINT "UNIT CONSUMED----- "; UC
190 PRINT "AMOUNT CHARGED----- "; AMT; "/="
200 END
```

OUTPUT:

```
ELETRICITY BILL
CONSUMER'S NAME:TAASEEN
METER NO:8907-B
PREVIOUS READING: 8797
PRESENT READING: 6567
UNITS CONSUMED.....-2230
AMOUNT CHARGED.....-1672.5 /=
```

13.PROGRAM TO PREPARE SALARY SHEET

```
10 REM * PROGRAM TO PREPARE SALARY SHEET *
20 CLS
30 INPUT "ENTER EMPLOYEE'S NAME ---- "; EN$
40 INPUT "ENTER DESIGNATION----- "; D$
50 INPUT "ENTER BASIC SALARY----- "; BS
60 INPUT "ENTER TOTAL ALLOWANCES-- "; TA
70 INPUT "ENTER TOTAL DEDUCTION---- "; TD
80 GS = BS+ TA
90 NS = GS- TD
100 CLS
110 PRINT "EMPLOYEE'S SALARY SHEET"
120 PRINT "-----"
130 PRINT
140 PRINT "EMPLOYEE'S NAME ---- "; EN$
150 PRINT "DESIGNATION----- "; D$
160 PRINT "BASIC SALARY----- "; BS
170 PRINT "TOTAL ALLOWANCES-- "; TA
180 PRINT "TOTAL DEDUCTION---- "; TD
190 PRINT
210 PRINT "GROSS SALARY----- "; GS
220 PRINT "NET SALARY----- "; NS
230 END
```

OUTPUT:

EMPLOYEE'S SALARY SHEET

```
EMPLOYEE'S NAME ---- TAASEEN
DESIGNATION----- WEBSITE DESIGNER
BASIC SALARY----- 150000
TOTAL ALLOWANCES-- 15000
TOTAL DEDUCTION---- 89
```

```
GROSS SALARY----- 165000
NET SALARY----- 164911
```

14. PROGRAM TO PREPARE MARKS SHEET OF FIVE SUBJECTS WITH PERCENTAGE.

```
10 REM * PROGRAM TO PREPARE MARKS SHEET *
20 CLS
30 INPUT "ENTER STUDENT'S NAME ----- "; SN$
40 INPUT "ENTER ROLL NUMBER ----- "; RN
50 INPUT "ENTER MARKS IN ENGLISH----- "; E
60 INPUT "ENTER MARKS IN SOCIOLOGY----- "; S
70 INPUT "ENTER MARKS IN COMP. ST- "; C
80 INPUT "ENTER MARKS IN CHEMISTRY-- "; CH
90 INPUT "ENTER MARKS IN PAK. ST---- "; P
100 MO = E + S + C + CH + P
110 PER = (MO * 100) / 500
120 CLS
130 PRINT "MARKS SHEET"
140 PRINT "-----"
150 PRINT
160 PRINT "STUDENT'S NAME ----- "; SN$
170 PRINT "ROLL NUMBER----- "; RN
180 PRINT "MARKS IN ENGLISH----- "; E
190 PRINT "MARKS IN SOCIOLOGY----- "; S
200 PRINT "MARKS IN COMP.ST--- "; C
210 INPUT "MARKS IN CHEMISTRY---- "; CH
220 INPUT "MARKS IN PAK.ST----- "; P
230 PRINT
240 PRINT "MARKS OBTAINED----- "; MO
250 PRINT "PERCENTAGE----- "; PER
260 END
```

OUTPUT:

```
STUDENT'S NAME:TAASEEN
ROLL NUMBER:17
PHYSICS MARKS: 65
CHEMISTRY MARKS: 64
COMPUTER MARKS: 59
ENGLISH MARKS: 57
MATHS MARKS: 62
MAXIMUM MARKS: 500
OBTAINED MARKS: 307
PERCENTAGE: 61.4
```

15. PROGRAM TO CONVERT DOLLARS INTO RUPEES

```
10 CLS
20 PRINT "DOLLAR INTO RUPEES"
30 PRINT
40 INPUT "ENTER AMOUNT IN DOLLARS";D
50 LET R=D*25
60 CLS
70 PRINT "DOLLARS INTO RUPEES"
75 PRINT
80 PRINT "AMOUNT IN DOLLARS....";D
90 PRINT
100 PRINT "CONVERTED IN RUPEES.....";R
110 END
```

OUTPUT:

DOLLARS INTO RUPEES

AMOUNT IN DOLLARS.... 87

CONVERTED IN RUPEES..... 2175

16. PROGRAM TO CONVERT RUPEES INTO DOLLARS.

```
10 CLS
20 PRINT "RUPEES INTO DOLLARS"
30 PRINT
40 INPUT "ENTER AMOUNT IN RUPEES";R
50 LET D=R/25
60 CLS
70 PRINT "RUPEES INTO DOLLARS"
75 PRINT
80 PRINT "AMOUNT IN RUPEES";R
90 PRINT
100 PRINT "CONVERTED IN DOLLARS.....";D
110 END
```

OUTPUT:

RUPEES INTO DOLLARS

AMOUNT IN RUPEES 108

CONVERTED IN DOLLARS..... 4.32

17.PROGRAM TO DRAW OLYMPIC CIRCLES.

```
10 CLS
20 SCREEN 1
30 CLS
40 PRINT "OLYMPIC CIRCLES"
50 CIRCLE(115,75),35
60 PAINT(115,75)
70 CIRCLE(185,75),35
80 PAINT(185,75)
90 CIRCLE(255,75),35
100 PAINT(255,75)
110 CIRCLE(150,100),35
120 PAINT(150,100)
130 CIRCLE(210,100),35
140 PAINT(210,100)
150 LOCATE 20,17 :PRINT "OLYMPIC CIRCLES"
160 END
```

OUTPUT:

OUTPUT OF THIS PROGRAM CANNOT BE WRITTEN HERE BECAUSE IT IS A GRAPHICS PROGRAM.

18. PROGRAM TO DRAW TRIANGLE, HEXAGON AND RECTANGLE

```
10 CLS
20 PRINT "DRAW TRIANGLE, HEXAGON AND RECTANGLE"
30 CLS
40 SCREEN 1
50 DRAW "BU50BL140"
60 DRAW "E40F40L180"
70 DRAW "BU40BR100"
80 DRAW "R50F25G25L50H25E25"
90 LINE(200,20) - (300,60) , B
100 LOCATE 10,3 :PRINT "TRIANGLE" ; TAB(16) "HEXAGON" ; TAB(28)"RECTANGLE"
110 END
```

OUTPUT:

OUTPUT OF THIS PROGRAM CANNOT BE WRITTEN HERE BECAUSE IT IS A GRAPHICS PROGRAM.

19. PROGRAM YO PROCESS THE RECORD OF 10 STUDENTS

```
10 CLS
20 PRINT "RECORD OF 10 STUDENTS"
30 PRINT
40 DIM N$(10) , S$(10)
50 FOR A=1 TO 10
60 INPUT "ENTER NAME....";N$(A)
70 INPUT "ENTER SEX.....";S$(A)
80 IF S$(A) = "F" OR S$(A) = "f" THEN F=F+1 :GOTO 110
90 IF S$(A) = "M" OR S$(A) ="m" THEN M=M+1 :GOTO 110
100 GOTO 70
110 NEXT A
120 CLS
130 PRINT "RECORD OF 10 STUDENTS"
140 PRINT "RECORD . NO" , "NAME OF STUDENT" , "SEX"
150 FOR A= 1 TO 10
160 PRINT A,N$(A),S$(A)
170 NEXT A
180 PRINT
190 PRINT "TOTAL NUMBER OF MALE STUDENTS....";M
200 PRINT "TOTAL NUMBER OF FEMALE STUDENTS....";F
210 END
```

OUTPUT:

```
RECORD OF 10 STUDENTS
RECORD . NO  NAME OF STUDENT      SEX
1            TAASEEN              M
2            ZEHRA                F
3            ALI ABBAS            M
4            HUZAIFA              M
5            BISMA                F
6            KIRAN                F
7            ZAEEM                M
8            ABBAS                M
9            HUSSAIN              M
10           LAIBA                F
```

```
TOTAL NUMBER OF MALE STUDENTS.... 6
TOTAL NUMBER OF FEMALE STUDENTS.... 4
```

PROGRAMMING BY TAASEEN ALI