

F.Y.B.C.A. (Sem –I)

Subject : C.P.P.M.

Subject Code: 104

Assignment -2(Branching and Jumping)

Date of Issue : 04/08/2013

Date of submission : /08/2013

1. W.A.P. to check whether a number is positive or negative.
2. W.A.P to check a number is even or odd.
- 3.. W.A.P. to find the square root of a number.
4. W.A.P. to input 5 numbers and find the maximum and minimum from it

(use backward jumping to input 5 numbers)

5. W.A.P to find the area of a circle or square or rectangle or triangle.

(ask user to input choice : e.g. user's choice is square , find the area of a square)

area of a square is l^2

area of a rectangle : $l * b$

area of a triangle : $\frac{1}{2}*b*h$

area of a circle : $3.14*r^2$

6. W.A.P. to find whether a year is a leap year or not.
7. W.A.P to input five numbers and check which number is divisible by 3 and 9
8. Letter grades are to be assigned to numbers as follows:

<u>Range of Nos.</u>	<u>Letter Grade</u>
90 or > 90	A
80 or < 90	B
70 or < 80	C
60 or < 70	D

WAP to read a number and assign a letter grade

9. WAP to find the roots of quadratic equation:

Roots are 1) $-b + ((b^2-4*a*c))^{0.5}/2*a$

2) $-b - ((b^2-4*a*c))^{0.5}/2*a$

10. WAP to validate the date. If the date is valid then display the next date otherwise display the appropriate message.

11. WAP to validate the time. If the time is valid then display the time after one second otherwise display the appropriate message.