**Assignment no 6**

1)

#include<stdio.h>

#include<conio.h>

void main()

{

int a,b,c;

clrscr();

printf("enter the number");

scanf("%d",&a);

printf("enter the number");

scanf("%d",&b);

printf("enter the number");

scanf("%d",&c);

if(a>b&&a>c)

{

printf("%d is maximum",a);

}

else if(b>c)

{

printf("%d is maximum",b);

}

else

{

printf("%d is maximum",c);

}

if(a<b&&a<c)

{

printf("%d is minimum",a);

}

else if(b<c)

{

printf("%d is minimum",b);

}

else

{

printf("%d is minimum",c);

}

getch();

}

2)

#include <stdio.h>

int main()

{

int yr;

printf ("Enter a year \n");

scanf ("%d", &yr);

if (yr%4 == 0 && yr%100 == 0 && yr%400 == 0)

printf("\n It is LEAP YEAR.");

else if (yr%4==0 && yr%100!=0)

printf("\n It is LEAP YEAR.");

else

printf ("\n It is NOT LEAP YEAR.");

return 0;

}

3)

#include<stdio.h>

#include<conio.h>

void main()

{

int a;

printf("enter the number");

scanf("%d",&a);

if(a%2==0)

{

printf("even number%d",a);

}

else

{

printf("odd number%d",a);

}

getch();

}

5)

#include <stdio.h>

int main()

{

int num;

printf("Enter any number: ");

scanf("%d", &num);

if(num % 5 == 0)

{

if(num % 6 == 0)

{

printf("\n Number is divisible by 6");

}

else

{

printf("Number is not divisible by 6");

}

printf("Number is divisible by 5");

}

else

{

printf("\n Number is not divisible by 5");

}

return 0;

}

6)

#include <stdio.h>

int main()

{

int num;

printf("Enter any number: ");

scanf("%d", &num);

if(num > 0)

{

printf("Number is POSITIVE");

}

if(num < 0)

{

printf("Number is NEGATIVE");

}

if(num == 0)

{

printf("Number is ZERO");

}

return 0;

}