//2.Write a program in c++ using all flow control statements (if, else, for , while //and switch)

//IF LOOP

#include<iostream.h>

#include<conio.h>

int main()

{

clrscr();

int n;

cout<<"Enter value of n \n";

cin>>n;

if(n%2==0)

{

cout<<"::Even number::";

}

else

{

cout<<"::odd number::";

}

getch();

return 0;

}

//WHILE LOOP

#include<iostream.h>

#include<conio.h>

int main()

{

clrscr();

int n,reverse=0;

cout<<"\n Enter a number to reverse \n";

cin>>n;

while(n!=0)

{

reverse=reverse\*10;

reverse=reverse+n%10;

n=n/10;

}

cout<<"\n reverse of entered number is= \n"<<reverse;

getch();

return 0;

}

//FOR LOOP

#include<iostream.h>

#include<conio.h>

int main()

{

clrscr();

int n,fact=1;

cout<<"::Enter value of n";

cin>>n;

for(int i=1;i<=n;i++)

{

fact=fact\*i;

}

cout<<"::factorial is ::"<<"\n"<<fact;

getch();

return 0;

}

//SWITCH CASE

#include<iostream.h>

#include<conio.h>

int main()

{

clrscr();

int n,ch;

cout<<"\n Enter number \n";

cin>>n;

do

{

cout<<"\n 1.inc \n";

cout<<"\n 2.dec \n";

cout<<"\n 3.exit \n";

cout<<"\n Enter your choice \n";

cin>>ch;

switch(ch)

{

case 1:

cout<<"\n increment is:: \n";

n++;

cout<<n;

break;

case 2:

cout<<"\n decrement is:: \n";

n--;

cout<<n;

break;

}

}while(ch<3);

getch();

return 0;

}