**#OOPS Code ...**

**#1. Age**

#include<iostream>

using namespace std;

int main(){

int age;

cout<<"Enter your age: ";

cin>>age;

cout<<"Your age is "<<age;

return 0;

}

**#2. Calculator**

#include<iostream>

using namespace std;

int main(){

int n1,n2;

cout<<"Enter first no.: ";

cin>>n1;

cout<<"Enter second no.: ";

cin>>n2;

cout<<n1<<"+"<<n2<<"="<<n1+n2<<endl;

cout<<n1<<"-"<<n2<<"="<<n1-n2<<endl;

cout<<n1<<"\*"<<n2<<"="<<n1\*n2<<endl;

cout<<n1<<"/"<<n2<<"="<<n1/n2<<endl;

return 0;

}

**#3. Switch Calculator**

#include<iostream>

using namespace std;

int main(){

int n1,n2;

char s;

cout<<"Enter first no.: ";

cin>>n1;

cout<<"Enter second no.: ";

cin>>n2;

cout<<"Enter operation: ";

cin>>s;

switch(s){

case '+': cout<<n1<<"+"<<n2<<"="<<n1+n2<<endl;break;

case '-':cout<<n1<<"-"<<n2<<"="<<n1-n2<<endl;break;

case '\*':cout<<n1<<"\*"<<n2<<"="<<n1\*n2<<endl;break;

case '/':cout<<n1<<"/"<<n2<<"="<<n1/n2<<endl;break;

}

return 0;

}

**#4. Factorial**

#include<iostream>

using namespace std;

int fn(int n){

int z=1;

for(int i=n+1;i>1;i--)

{

z=z\*(i-1);

}

return z;

}

int main(){

int n1,n2;

char s;

cout<<"Enter first no.: ";

cin>>n1;

n2=fn(n1);

cout<<"Factorial of "<< n1 <<" is = "<<n2;

return 0;

}

**#5. Palindrome String**

#include<iostream>

//#include<cstream>

using namespace std;

int main(){

int n,k=0,i;

cout<<"Enter no of characters : ";

cin>>n;

char h[n];

char r[n];

for(int i=0;i<n;i++)

cin>>h[i];

for(i=0;i<n;i++){

r[i]=h[n-1-i];

}

for(i=0;i<n;i++){

if(r[i]==h[i])

k++;

}

if(k==n)

cout<<"Yes";

else

cout<<"No";

return 0;

}