1. Sum of a no

#include<iostream>

using namespace std;

int main()

{

int n,sum=0;

cout<<"Enter the number"<<endl;

cin>>n;

for(int i=n;i>0;i/=10)

{

sum=sum+(i%10);

}

cout<<"Sum of digits of n is: "<<sum<<endl;

return 0;

}

1. Table of any no

#include<iostream>

using namespace std;

int main()

{

int n;

cout<<"enter the no ";

cin>>n;

for(int i=1;i<=10;i++)

{

cout<<(i\*n)<<endl;

}

return 0;

}

1. Table of 1-10

#include<iostream>

using namespace std;

int main()

{

int i,j;

for(i=1;i<=10;i++)

{

for(j=1;j<=10;j++)

{

cout<<i<<"\*"<<j<<"="<<i\*j<<endl;

}

cout<<endl;

}

return 0;

}

1. Factor of any no

#include<iostream>

using namespace std;

int main()

{

int n;

cout<<"enter the no ";

cin>>n;

cout<<"factors are :"<<endl;

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

{

if(n%i==0)

cout<<i<<endl;

}

return 0;

}

1. Check a no is perfect or not

#include<iostream>

using namespace std;

int main ()

{

int n,i,sum=0;

cout << "Enter the number to be checked : ";

cin>>n;

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

{

if ((n%i)== 0)

sum = sum + i;

}

if (sum==n)

cout<< n<<" is a perfect number";

else

cout<<n<<" is not a perfect number";

return 0;

}

1. Reverse a no

#include <iostream>

using namespace std;

int main()

{

int n, reverse=0;

cout<<"Enter a number: ";

cin>>n;

while(n!=0)

{

reverse=reverse\*10+(n%10);

n/=10;

}

cout<<"Reversed Number: "<<reverse<<endl;

return 0;

}

1. Check a no is palindrome or not

#include <iostream>

using namespace std;

int main()

{

int n,num,digit,rev=0;

cout<<"Enter a number:";

cin>>num;

n=num;

do

{

digit = num % 10;

rev = (rev\*10) + digit;

num = num/10;

} while (num!= 0);

cout<<"The reverse of the number is" <<rev<<endl;

if (n==rev)

cout<<"The number is a palindrome";

else

cout<<"The number is not a palindrome";

return 0;

}