

CHAPTER 4

INPUT AND OUTPUT

➤ Input and output

The process of giving something to computer is known as **input**. The **input** is mostly given by keyboard.

The process of getting something from computer is known as **output**. The **output** is mostly displayed on monitor.

Write a program that input name, age and address from the user and then display these value on the screen.

```
#include<iostream>
Using namespace std;
Main()
{
Char name[25],city[30];
Int age ;
Cout<<"Enter your age"<<endl;
Cin>>age; // 20
Cout<<"Enter your first name"<<endl;
Cin>>name; // asad
Cout<<"Enter your city" <<endl;
Cin>>city; // kumber
Cout<<" your first name is "<<name<<endl;
Cout<<" your city is "<<city<<endl;
Cout<<" your age is "<<age<<endl;
}
```

your first name is asad your city is kumber your age is 20
--

Write a program that inputs a character and displays its ASCII code.

```
#include<iostream>
Using namespace std;
Main()
{
Char ch;
int num;
cout<<" Enter a character "<<endl;
cin>>ch;
num = ch;  // a = 97
cout<<" the ASCII code for "<< ch << " is " << num << endl;
}
```

Write a program that inputs two number swaps the value and then display them.

```
#include<iostream>
Using namespace std;
Main()
Int a, b, temp;
Cout<<"enter first number "<<endl;
Cin>>a; // 10
Cout<<"enter second number "<<endl;
Cin>>b; // 20
Temp = a;
a = b;
b = temp;
cout<<"the value after swapping are " << a << " and " << b <<endl;
}
```

Write a program that inputs two numbers swaps these value without using third variable then display.

```
#include<iostream>
Using namespace std;
Main()
{
Int a, b ;
Cout<<"enter first number "<<endl;
Cin>>a; // 10
Cout<<"enter second number "<<endl;
Cin>>b; // 20
A = a + b; // 10 + 20 = 30
B = a – b; 30 – 20 = 10
A = a - b; // 30 - 10
cout<<"the value after swapping are " << a << " and " << b <<endl;
}
```