

## **CHAPTER 04 PROBLEMS**

**MADE BY ALI AKBER**

**BSCS IST REGULAR**

### **PROBLEM 4.1:**

**Write a program that displays a message and values of integer and character variables.**

```
#include<iostream>

using namespace std;

int main()
{
    int n1=5;

    char ch='u';

    cout<<"testing output"<<endl;

    cout<<"the value of integer is"<<n1<<endl;

    cout<<"the value of character is"<<ch<<endl;


    return 0;
}
```

### **PROBLEM 4.2**

**Write a program that adds two floating point numbers and shows the sum on screen.**

```
#include<iostream>

using namespace std;

int main()
{
    float n1,n2,sum;
```

```
n1=45.5;

n2=49.7;

cout<<"enter the value of n1 is"<<n1<<endl;

cout<<"enter the value of n2 is"<<n2<<endl;

sum=n1+n2;

cout<<"the sum is"<<sum<<endl;


return 0;

}
```

### **PROBLEM 4.3**

**Write a program to calculate and print the area of square with given height and width.**

```
#include<iostream>

using namespace std;

int main()

{

float area,h,w;

h=10;

w=5;

cout<<" the height of square is"<<h<<endl;

cout<<"the width of square  is"<<w<<endl;

area=h*w;

cout<<"the area is"<<area<<endl;


return 0;

}
```

#### **PROBLEM 4.4**

**Write a program to display the following output using single cout statement.**

```
#include<iostream>

using namespace std;

int main()

{

cout<<"\n\n*\n*\n";

return 0;

}
```

#### **PROBLEM 4.9**

**Write a program that inputs name, age and address from the user and then displays these values on the screen.**

