

Introduction to Computing  
CS 151 - ON60  
Quiz 03 Solutions

- a. Write the trace table list of the code below using the input (1)

```
int main()
{
    int a, b = 5;

    cin >> a;

    a = b * a + b;
    cout << b << a << b;
    return 0;
}
```

**Solution:**

```
01.  b := 5
02.  a := 11
03.  a := 60
04.  output := out
05.  return := 0
```

```
out:
5605
```

- b. Write a statement that declares a constant bool variable named var

**Solution:**

```
const bool var = true;
```

- c. What a cout statement(s) that will display the image below

```
***
*  *
***
```

**Solution:**

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