



✓ **Write c++ statements to do the following**

1. Declare and initialize two integers variables ( named feet and inches) to zero?
2. Declare constant for Acceleration of gravity which has the value 9.8
3. Declare a constant for pi as 3.14159.
4. Declare a float variable and initialize it using your pi constant.
5. Declare a constant of character type with **initial value** ( G )
6. Declare a variable of type character with initial value equals to the value of constant in the previous question.
7. Initializes two integer variables and then prints out their sum and their product.

✓ **Which of the following variable names are good, which are bad, and which are invalid?**

- a. Age
- b. !ex
- c. R79J
- d. TotalIncome
- e. \_\_Invalid

1. Show the output displayed by the following program.

```
#include <iostream>
using namespace std;
int main () {

cout<<" tracing \t print statments ";
cout<<" tracing \n print statments \a \n";
cout<<" tracing \r print statments ";
cout<<" tracing \t print statments \n";
return 0;
}
```

## 2. Find errors in the following program

```
#include<iostream>
using namespace std
int main
[
    int number 1 = 6;number_2 = 5;sum;
    const int number_3;
    number_3 = 12;
    sum=number 1 + number_2 + number_3

    return ;
]
```

```
#include <iostream >
using namespace std;
main()
{
    cout << Is there a bug here?";
}
```