1. **Write a *pseudo code* to**
* Read the height, length, and width of a cube box, calculates and displays the volume. Note: cube volume = a 3 
1. **Draw 2 separate *flowcharts* that do the following:**
2. Asks the user to enter two numbers. Then ask the user to enter 1 to add these numbers or 2 to subtract these numbers.
	* If the user does not enter 1 or 2 an error message should appear.
3. Reads the salary of an employee and prints:
* "Manager" 🡪 if the salary is above 20000,
* "Supervisor" 🡪 if the salary is above 15000,
* "Technician" 🡪 if the salary is above 8000.
1. **Write a single C++ statement to print the following:**



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;

}

1. **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?";

 }

1. **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. **Write c++ statements to do the following**
* Declare and initialize two integers variables ( named feet and inches) to zero?
* Declare a constant for pi as 3.14159.
* Declare a float variable and initialize it using your pi constant.
* Declare a constant of character type with **initial value** ( G )
* Declare a variable of type character with initial value equals to the value of constant in the previous question.
* Initializes two integer variables and then prints out their sum and their product.