Programming Fundamentals
Quiz 02

Marks: 100 **Time:** 20 minutes
Name: **Roll #:**

Instructions: Close Book/Notes

Question # 1 [30]

Write **ERROR** in front of statements which are **invalid**, and write the **output** displayed by the **valid statements** of the following

Statement	Your answer
`cout << "\'Hello\' \"World\"";`	
`cout << "Hello /t World";`	
`cout << "Hello " << \*hello world*/ << "World";`	
`cout << 123.000f;`	
`cout << 10 / 3;`	
`cout << 2 % 4;`	
`cout << 1 / 2;`	
`cout << pow(3.0, 2.0);`	
`cout << setprecision(4) << 1.12389f;`	
`cout << sqrt(4.0);`	

Question # 2 [10]

What if, is anything **wrong** with the following program, write its **output**, otherwise?

```
int main()
{
	int x = 1, y = 2, z = 3;
	z += y -= z *= x += y;
	cout << "x = " << x << endl;
	cout << "y = " << y << endl;
	cout << "z = " << z << endl;
	return 0;
}
```

Answer

Question # 2 [60]

Write a complete program (with all the required header files and namespaces) in **C++** that solves the given **expression** by taking **input** for all the **dependent variables** from the user having **double** data type.

Solution