

DSA- 01 OOPS C++

ASSIGNMENT-3

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QUESTION 1

```
C:\Users\HOME\Desktop\overloading.exe
Original Number: Value: 10
Negated Number: Value: -10

-----
Process exited after 0.155 seconds with return value 0
Press any key to continue . . .
```

QUESTION 2

```
C:\Users\HOME\Desktop\overloading BINARY.exe
Original Number: Value: 10
Negated Number: Value: -10

-----
Process exited after 0.0328 seconds with return value 0
Press any key to continue . . .
```

QUESTION 3

```
C:\Users\HOME\Desktop\what output.exe
14

-----
Process exited after 0.1474 seconds with return value 0
Press any key to continue . . .
```

QUESTION 4

```
C:\Users\HOME\Desktop\what output2.exe
20,20
-----
Process exited after 0.1308 seconds with return value 0
Press any key to continue . . .
```

QUESTION 5

```
1  #include <iostream>
2  int add(int a, int b) {
3      return a + b;}
4  double add(double a, double b) {
5      return a + b;}
6  int main() {
7      int intResult = add(5, 7);
8      double doubleResult = add(3.5, 2.5);
9      std::cout << "Sum of integers: " << intResult << std::endl;
10     std::cout << "Sum of doubles: " << doubleResult << std::endl;
11     return 0;}
12
```

```
C:\Users\HOME\Desktop\FUNC OVERLOADING.exe
Sum of integers: 12
Sum of doubles: 6
-----
Process exited after 0.1537 seconds with return value 0
Press any key to continue . . .
```