DSA0165- OBJECT ORIENTED PROGRAMMING WITH C++ FOR 3D SHAPES

ASSIGNMENT 1

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QUESTION 9

(A)- OUTPUT WILL BE "less than 10"

(B)- OUTPUT WILL BE "greater than 5"

(C)- OUTPUT WILL BE "less than 10"

(D)-OUTPUT WILL BE "not interesting"

QUESTION 7

(a)-output of the program as it is written will be 0.
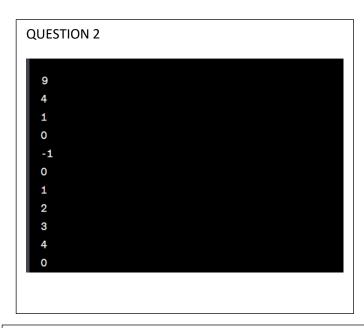
(b)- Corrected program will be:

int n=10;

while(n>0){

QUESTION 10

```cpp
#include <iostream>

using namespace std;

int main() {

  int n;

  do {

    cout << "Enter a non-negative integer: ";

    cin >> n;

    if (n < 0) {

      cout << "The integer you entered is negative." << endl;

    }

  } while (n < 0);
```

QUESTION 1

```
C:\Users\HOME\Desktop\Untitled1.exe
5
5
5
6
-6
6
5
5
5
4
6
4
2
42
4
 4
 n

 n * n = 16
n
```

QUESTION 2

```
9
4
1
0
-1
0
1
2
3
4
0
```

QUESTION 3

```
C:\Users\HOME\Desktop\Untitled1.exe
4
1
1
0
0
1
0
0
1
1
```

QUESTION 4

```
C:\Users\HOME\Desktop\Untitled1.exe
0 4

-------------------------------
Process exited after 0.1123 seconds with return value 0
Press any key to continue . . .
```

QUESTION 5

```
46
1
```

QUESTION 6

```
danger
count = 4
```

QUESTION 8

```cpp
float income;

cout << "Enter your monthly income: ";

cin >> income;

if (income < 0.0)

    cout << "You are going farther into debt every month." << endl;

else if (income < 1200.00)

    cout << "You are living below the poverty line." << endl;

else if (income < 2500.00)

    cout << "You are living in moderate comfort." << endl;

else

    cout << "You are well off." << endl;
```