

1. What is the value of the variable x after executing the code below?

```
int Q1()
{
    // hint: "0b" is a prefix indicating a binary literal
    int x = 0b01100011;

    return x;    // What is x?
}
```

2. What is the value of the variable x after executing the code below?

```
int Q2()
{
    int x = 1;

    do
    {
        x += 10;
    } while (false);

    return x;    // What is x?
}
```

3. What is the value of the variable x after executing the code below?

```
int Q3()
{
    int i;
    for (i = 0; i < 10; i++) {}
    int x = i;
    return x;    // What is x?
}
```

4. What is the value of the variable x after executing the code below?

```
int y = 4;
int x = 2;

do
{
    x += y;
} while (y-- > 1);

return x;    // What is x?
```

5. What is the value of the variable x after executing the code below?

```
int x;
int value1 = 1;

do
{
    var Value1 = 'A';
    Console.WriteLine(Value1++);
} while (value1-- > 0);

x = value1;

return x;    // What is x?
```

6. What is the value of the variable x after executing the code below?

```
int x, y = 55;

x = y % 10;
x *= 10;
x += y / 10;

return x;    // What is x?
```