

## Conditionals - 2 Assignment 2

### Answer

**Q2) Predict the output:**

```
#include<iostream>
using namespace std;

int main( ) {
    int a = 5, b, c ;
    b = a = 15 ;
    c = a < 15 ;
    cout << "a = " << a << ", b = " << b << " , c = "<< c ;
    return 0;
}
```

**Ans**

**OUTPUT**

a = 15, b = 15 , c = 0

**Q3) Predict the output:**

```
#include<iostream>
using namespace std;

int main() {
    int x = 3 ;
    float y = 3.0 ;
    if (x == y)
        cout <<"x and y are equal" ;
    else
        cout << "x and y are not equal" ;
    return 0;
}
```

**Ans**

**OUTPUT**

x and y are equal

**Q4) Predict the output:**

```
#include<iostream>
using namespace std;

int main(){
    int test = 0;
    cout << "First character " << '1' << endl;
    cout << "Second character " << (test ? 3 : '1') << endl;
    return 0;
}
```

**Ans)OUTPUT**

First character 1

**Q5) Predict the output:**

```
#include <iostream>
using namespace std;
int main(){
    int a = 18; int b = 12;
    bool t = (a > 20 && b < 15)? true : false;
    cout <<"Value of t: " << t ;
    return 0;
}
```

**Ans) OUTPUT**

Value of t: 0

**Q6) Predict the output:**

```
#include <iostream>
using namespace std;
int main() {
    int number = -4;
    char result;
    result = number > 0 ? 'P' : 'N';
    cout << result << endl;
    return 0;
}
```

**Ans) OUTPUT**

N