

## C++ Assignments 2 | Week1

**Ques:1**

**Ans: 0**

**Ques:2**

**Ans: 11**

**Ques:3**

**Ans: 2**

**Ques:4**

**Ans:**

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

```
int main() {
    double radius, height;
    cout << "Enter the radius of the cylinder: ";
    cin >> radius;
    cout << "Enter the height of the cylinder: ";
    cin >> height;

    double volume = 3.14 * radius * radius * height;

    cout << "The volume of the cylinder is: " << volume << endl;
}
```

**Ans5:**

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

```
int main() {
    double radius, height;
    cout << "Enter the radius of the cylinder: ";
    cin >> radius;
    cout << "Enter the height of the cylinder: ";
    cin >> height;
```

```
double volume = 3.14159265359 * radius * radius * height;

cout << "The volume of the cylinder is: " << volume << endl;
}
```

**Ques5**

**ans:**  
`#include <iostream>`  
`using namespace std;`

```
int main() {
    char char1, char2;
    cout << "Enter the first character: ";
    cin >> char1;
    cout << "Enter the second character: ";
    cin >> char2;

    int asciiDiff = char1 - char2;

    cout << "The difference between ASCII values is: " << asciiDiff <<
endl;
}
```

**Ques6:**

**Ans: 49**