# Assignments

# C++ Assignments 2
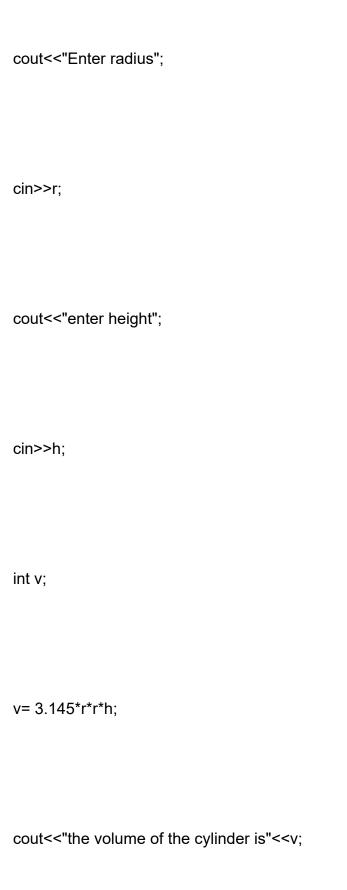
Q1. Find the output for this code. Let input:- 2 3 6

```cpp
#include <iostream>
using namespace std;
int main()
{
int x;
cout << "Enter first number\n";
cin >> x; // user will give 'x' a value.
int y, m;
cout << "Enter second number and value for taking modulus\n"; cin >> y >> m; // user will give 'y' a value.
int Z = (x * y) % m;
cout << "Output is: " << Z;
}
```

**Output: 0**

Q2. Find the output for this code. Let input:- 3 2

```cpp
#include <iostream>
using namespace std;
int main()
{
int x;
cout<<"Enter first number\n";
cin>>x; // user will give 'x' a value.
int y;
cout<<"Enter second number\n";
cin>>y; // user will give 'y' a value.
cout<<(x!=y)<<" "<<(x>=y);
}
```

**Output:1  1**

Q3. Find the output for this code. Let input:- 2 3

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

```
int main()
{
int x,y;
cin>>x>>y;
x+=y;
x-=y;
x%=y;
cout<<x;
}
```
## Output:3

Q4. WAP for finding the volume of the cylinder by taking radius and height as input. Java + DSA C++

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```
#include<iostream>

using namespace std;

int main(){

        int r,h;
```

```cpp
cout<<"Enter radius";

cin>>r;

cout<<"enter height";

cin>>h;

int v;

v= 3.145*r*r*h;

cout<<"the volume of the cylinder is"<<v;
```

```
}
```

Q5. WAP to find the difference between ASCII of two characters ,take them as input

```cpp
#include<iostream>
using namespace std;
int main(){
        char x,y;
        cout<<"Enter first character";
        cin>>x;
        cout<<"enter second character";
        cin>>y;
        int z;
        z= int(x)-int(y);
        cout<<"the difference between two are "<<z;
}
```
.

Q6. Find the output of the below code

```cpp
#include <iostream>
using namespace std;
int main()
{
int i = ( 4 + 7 / 5 * 6 * 6+9 )% 100 ;
cout<<i;
}
```

Output:18

Note:- Please try to invest time doing the assignments which are necessary to build a strongfoundation. Do not  directly Copy Paste using Google or ChatGPT. Please use your brain.

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