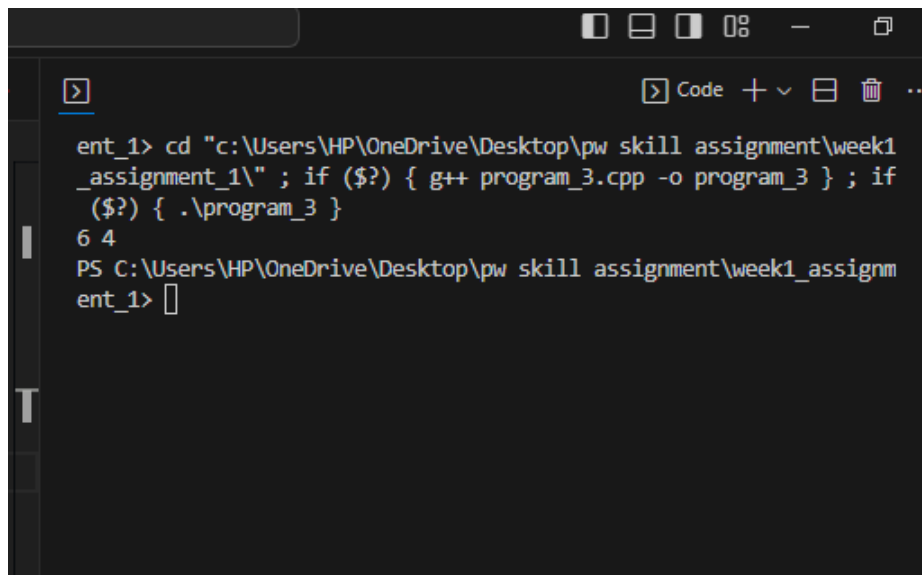


Program-1

```
#include<iostream>
using namespace std;
int main() {
int a = 4;
int b = 5;
a++, b--;
cout << ++a << " " << b--;
}
```

Output:

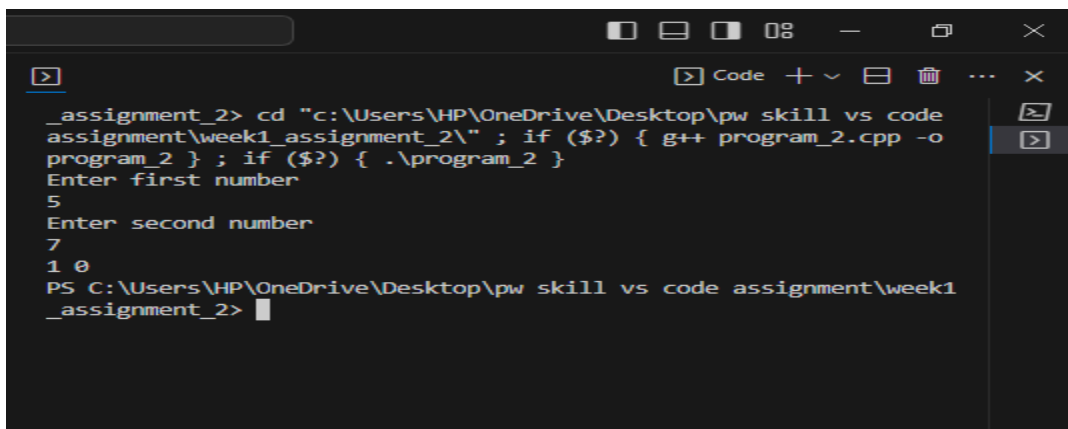


```
ent_1> cd "c:\Users\HP\OneDrive\Desktop\pw skill assignment\week1_assignment_1\" ; if ($?) { g++ program_3.cpp -o program_3 } ; if ($?) { .\program_3 }
6 4
PS C:\Users\HP\OneDrive\Desktop\pw skill assignment\week1_assignment_1>
```

Program-2:

```
#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:

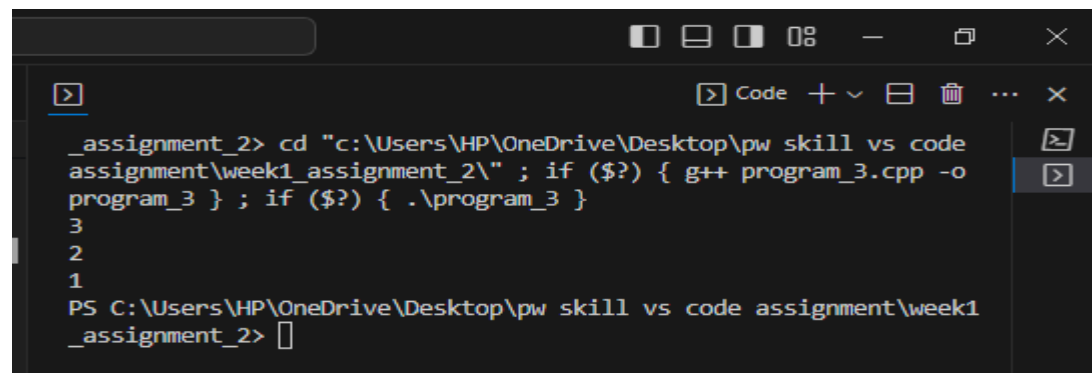


```
_assignment_2> cd "c:\Users\HP\OneDrive\Desktop\pw skill vs code assignment\week1_assignment_2\" ; if ($?) { g++ program_2.cpp -o program_2 } ; if ($?) { .\program_2 }
Enter first number
5
Enter second number
7
1 0
PS C:\Users\HP\OneDrive\Desktop\pw skill vs code assignment\week1_assignment_2> 
```

Program 3:

```
#include <iostream>
using namespace std;
int main()
{
int x,y;
cin>>x>>y;
x+=y;//5
x-=y;//3
x%=y;//1
cout<<x;
}
```

Output:



The screenshot shows a Windows command prompt window with a dark background. The title bar at the top includes standard window controls (minimize, maximize, close) and a search icon. The command prompt shows the following sequence of commands and output:

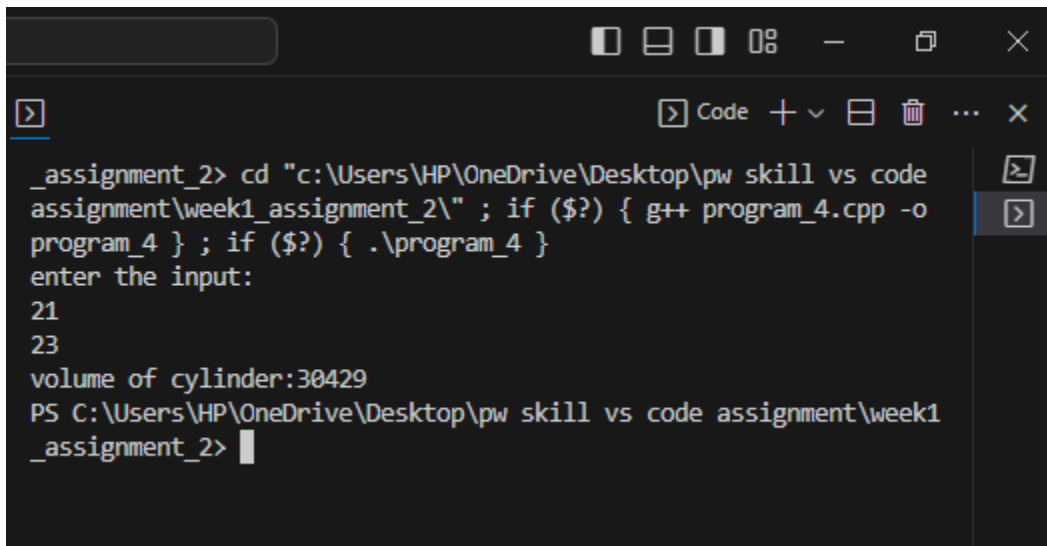
```
_assignment_2> cd "c:\Users\HP\OneDrive\Desktop\pw skill vs code assignment\week1_assignment_2\" ; if ($?) { g++ program_3.cpp -o program_3 } ; if ($?) { .\program_3 }
3
2
1
PS C:\Users\HP\OneDrive\Desktop\pw skill vs code assignment\week1_assignment_2> 
```

The output of the program is the number 3, followed by a blank line, then 2, then a blank line, then 1, and finally a blank line. The prompt indicates that the program was successfully compiled and executed.

Program 4: WAP for finding the volume of the cylinder by taking radius and height as input.

```
#include<iostream>
using namespace std;
int main()
{
    int pi = 3.14;
    int radius;
    int hight;
    cout<<"enter the input:\n";
    cin>>radius>>hight;
    float volume = pi*radius*radius*hight;
    cout<<"volume of cylinder:"<<volume;
}
```

Output:

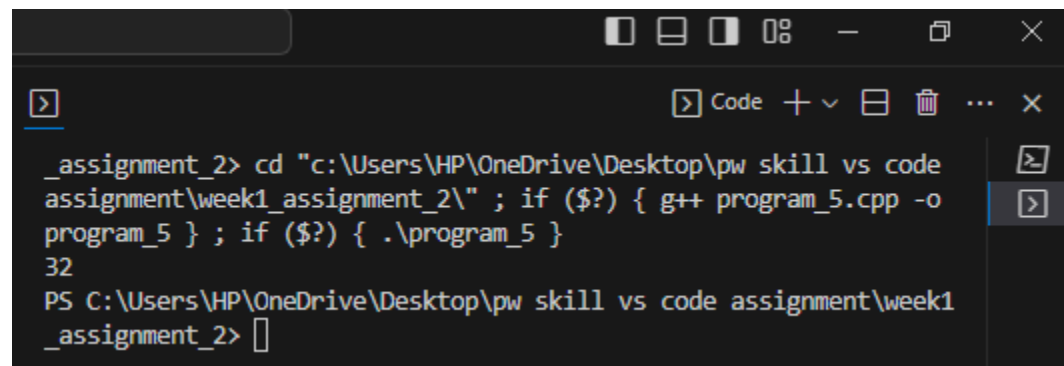


```
_assignment_2> cd "c:\Users\HP\OneDrive\Desktop\pw skill vs code assignment\week1_assignment_2\" ; if ($?) { g++ program_4.cpp -o program_4 } ; if ($?) { .\program_4 }
enter the input:
21
23
volume of cylinder:30429
PS C:\Users\HP\OneDrive\Desktop\pw skill vs code assignment\week1_assignment_2>
```

Program 5: WAP to find the difference between ASCII of two characters ,take them as input .

```
#include<iostream>
using namespace std;
int main()
{
    char ch = 'A';
    char CH = 'a';
    int p = (int)ch;
    int q = (int)CH;
    cout<<q-p;
}
```

Output:



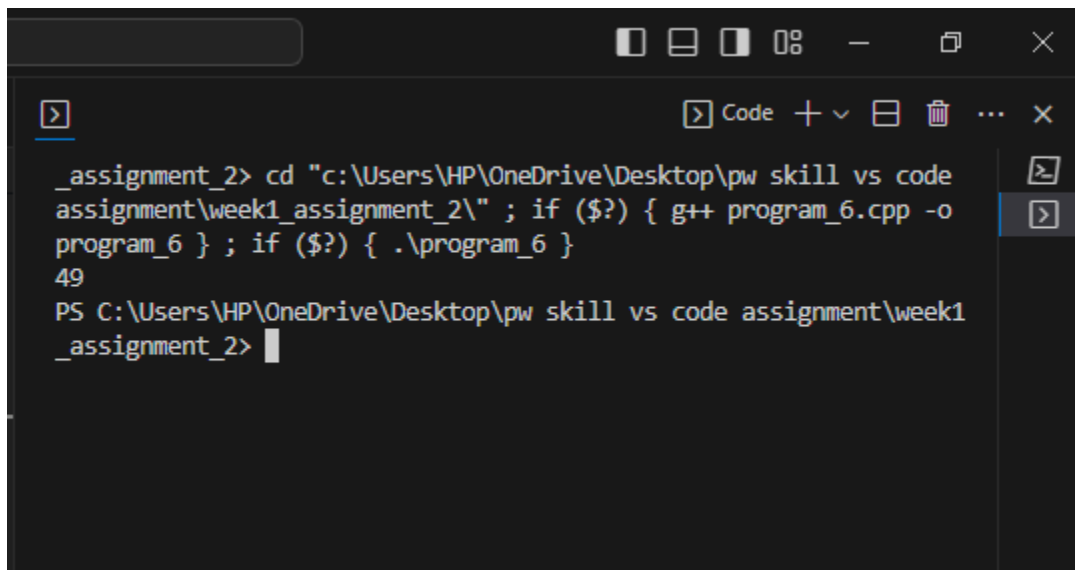
The screenshot shows a Windows command prompt window with a dark background. The title bar at the top includes standard window controls (minimize, maximize, close) and a search icon. Below the title bar, there is a tab labeled 'Code' with a plus sign, a dropdown arrow, a list icon, a trash icon, and a close button. The command prompt shows the following text:

```
_assignment_2> cd "c:\Users\HP\OneDrive\Desktop\pw skill vs code
assignment\week1_assignment_2\" ; if ($?) { g++ program_5.cpp -o
program_5 } ; if ($?) { .\program_5 }
32
PS C:\Users\HP\OneDrive\Desktop\pw skill vs code assignment\week1
_assignment_2> 
```

Program 6:

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

Output:



The screenshot shows a Windows command prompt window with a dark background. The title bar at the top contains standard window controls (minimize, maximize, close) and a search icon. The command prompt interface includes a toolbar with icons for running, saving, and other actions. The command history is visible on the right side. The command entered is: `cd "c:\Users\HP\OneDrive\Desktop\pw skill vs code assignment\week1_assignment_2\" ; if ($?) { g++ program_6.cpp -o program_6 } ; if ($?) { .\program_6 }`. The output shows the directory path `PS C:\Users\HP\OneDrive\Desktop\pw skill vs code assignment\week1_assignment_2>` followed by a blank line, indicating the program executed successfully without any visible output.

```
_assignment_2> cd "c:\Users\HP\OneDrive\Desktop\pw skill vs code
assignment\week1_assignment_2\" ; if ($?) { g++ program_6.cpp -o
program_6 } ; if ($?) { .\program_6 }
49
PS C:\Users\HP\OneDrive\Desktop\pw skill vs code assignment\week1
_assignment_2>
```