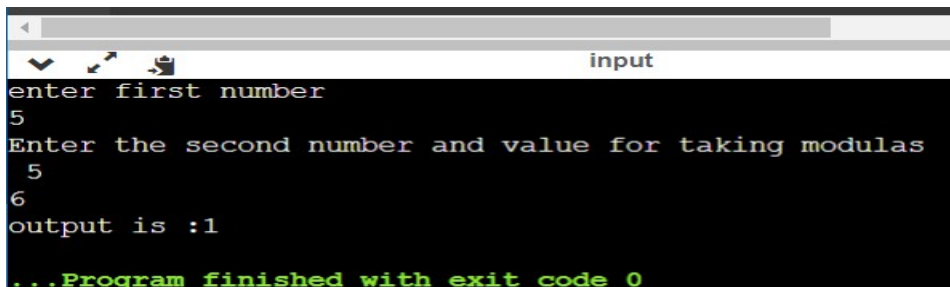


ANS-1=

```
#include<iostream>
using namespace std;
int main(){
    int x;
    cout<<"enter first number\n";
    cin>>x;
    int y,m;
    cout<<"Enter the second number and value for taking modulas \n ";
    cin>>y>>m;
    int z =(x*y)%m;
    cout<<"output is :"<<z;
}
```

OUTPUT-

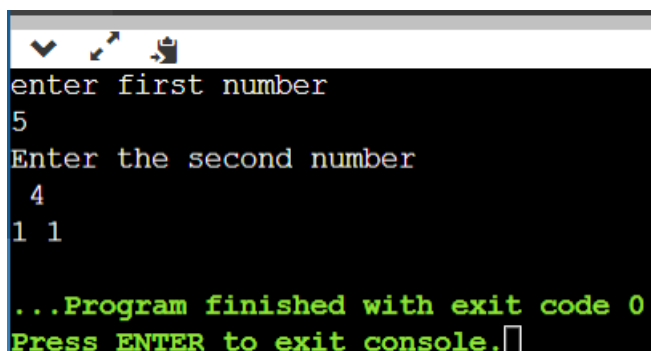


```
input
enter first number
5
Enter the second number and value for taking modulas
5
6
output is :1
...Program finished with exit code 0
```

ANS-2=

```
#include<iostream>
using namespace std;
int main(){
    int x;
    cout<<"enter first number\n";
    cin>>x;
    int y;
    cout<<"Enter the second number \n ";
    cin>>y;
    cout<<(x !=y)<<" "<<(x>=y);
}
```

OUTPUT=

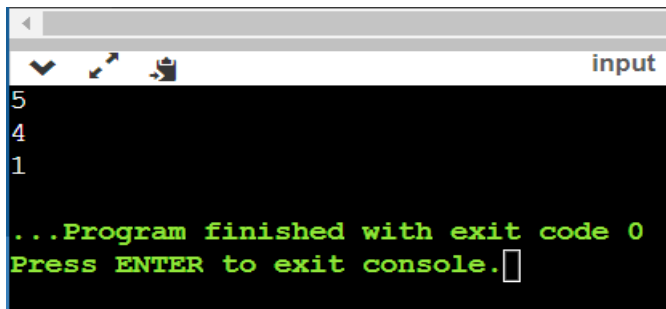


```
input
enter first number
5
Enter the second number
4
1 1
...Program finished with exit code 0
Press ENTER to exit console.
```

ANS-3=

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

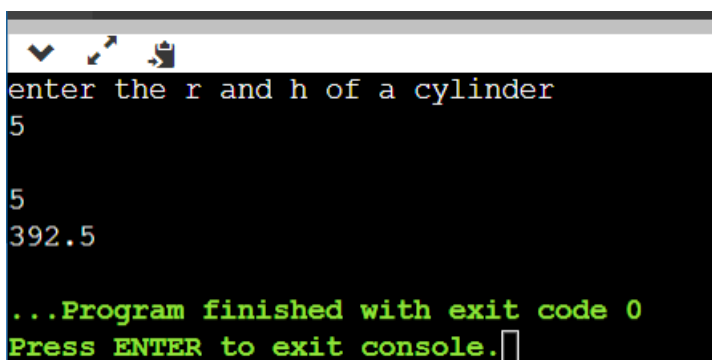
OUTPUT=

A screenshot of a terminal window titled 'input'. The terminal shows three lines of input: '5', '4', and '1'. Below the input, a green message states: '...Program finished with exit code 0' and 'Press ENTER to exit console.' with a cursor at the end.

ANS-4=

```
#include<iostream>
using namespace std;
int main(){
    int r,h;
    cout<<"enter the r and h of a cylinder\n";
    cin>>r>>h;
    float volume =3.14*r*r*h;
    cout<<volume;
}
```

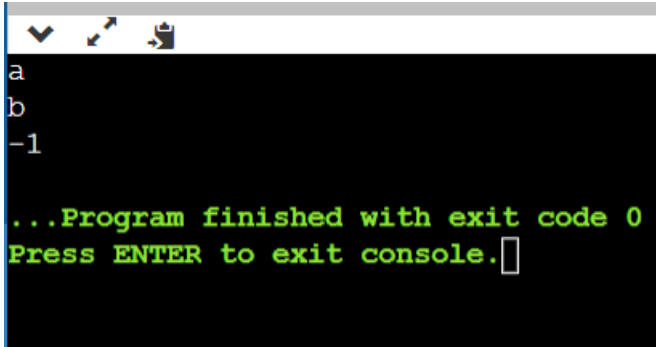
OUTPUT-

A screenshot of a terminal window. The terminal shows the prompt 'enter the r and h of a cylinder' followed by two lines of input: '5' and '5'. Below the input, the output '392.5' is displayed. At the bottom, a green message states: '...Program finished with exit code 0' and 'Press ENTER to exit console.' with a cursor at the end.

ANS-5=

```
#include<iostream>
using namespace std;
int main(){
    char x1,x2;
    cin>>x1>>x2;
    cout<<(int)x1-(int)x2;
}
```

OUTPUT-



```
a
b
-1

...Program finished with exit code 0
Press ENTER to exit console.
```

ANS-6=

```
int i=( 4+7/5*6*6+9)%100
```

```
cout<<i;
```

OUTPUT= 49