

Assignments

C++ Assignments 1

Q1. How can you output "Physics" and "Wallah" in two different lines in C++?

Ans:

```
#include <iostream>
using namespace std;
int main(){
    cout<<"physics" <<endl;
    cout<<"wallah";
    return 0;
}
```

Q2. Write a program to print 10 using 2 positive numbers less than 6 in C++ as output.

Ans: #include <iostream>

using namespace std;

int main() {

int a, b;

for (int i = 0; i <= 6; i++) {

a = i;

b = 10 - i;

if (a + b == 10) {

cout << "num1= " << a << " + " " num2= " << b << "=10" << endl; }

}

return 0;

}

OUTPUT=

num1= 0 + num2= 10=10

num1= 1 + num2= 9=10

num1= 2 + num2= 8=10

num1= 3 + num2= 7=10

num1= 4 + num2= 6=10

num1= 5 + num2= 5=10

num1= 6 + num2= 4=10

Q3. How much space does the following data types take?

int =4 bytes

bool =1 byte

float=4 bytes

Q4. What is the output of this program?

```
int main() {  
    int a = 4;  
    int b = 5;  
    a++, b--;  
    cout << ++a << " " << b--;  
}
```

ANS:

OUTPUT =6 4

Q5. Write a program to find the circumference of a circle with radius 10 in C++.

ANS:

```
#include <iostream>
```

```
using namespace std;
```

```
int main(){
```

```
int radius=10;
```

```
float x;
```

```
float pi=2.14;
```

```
x=2*pi*radius;
```

```
cout<<" circumference of a circle = " <<x;
```

```
return 0;
```

```
}
```

OUTPUT; circumference of a circle =42.8

Q6. How many of these can be a variable name ?

01Pwskills

FLOAT

int

FLOAT

You will succeed

ANS=

Only "01Pwskills " can be a variable name

