

Assignment II

Extra Practicals

CPP

-Sakshi

```
#include <iostream>
using namespace std;
int main()
{float a,b,c,sum;
cout<<"Enter three numbers to be added:\n";
cin>>a>>b>>c;
sum=a+b+c;
cout<<"Sum of three variables:\t"<<sum;
return 0;
}
```

Enter three numbers to be added:

1
2
3

Sum of three variables: 6

Process returned 0 (0x0) execution time : 6.641 s

Press any key to continue.

```
#include <bits/stdc++.h>
using namespace std;

int main()
{
    cout<<24<<"\n";
    cout<<12.3<<"\n";
    cout<<'A'<<"\n";
    cout<<"Hello"<<"\n";
    return 0;
}
```

```
24
12.3
A
Hello
```

```
Process returned 0 (0x0) execution time : 0
Press any key to continue.
```

```
#include <iostream>
using namespace std;
#define PI 3.14
int main()
{
    const double pi=3.14;
    cout<<"defined constant:"<<PI<<"\n";
    cout<<"memory constant:"<<pi<<"\n";
    cout<<"fixed constant:"<<3.14<<"\n";
    return 0;
}
```

```
defined constant:3.14
memory constant:3.14
fixed constant:3.14
```

```
Process returned 0 (0x0) execution time : 0.239
Press any key to continue.
```

```
#include <iostream>
#include <iomanip>
using namespace std;
int main()
{
    int d123=123;
    float f123=1.23;
    char chA='A';
    cout<<"Demonstration of set width manipulator\n";
    cout<<setw(5)<<d123<<"\n";
    cout<<setw(5)<<f123<<"\n";
    cout<<setw(5)<<chA<<"\n";
    return 0;
}
```

```
Demonstration of set width manipulator
123
1.23
A
```

```
Process returned 0 (0x0) execution time : 0.403
Press any key to continue.
```

```
#include <bits/stdc++.h>
using namespace std;
int main()
{int a=10,b=20;
cout<<"before swapping the values:\n"<<"A:"<<a<<endl<<"B:"<<b<<endl;
a=a+b;
b=a-b;
a=a-b;
cout<<"after swapping the values:\n"<<"A:"<<a<<endl<<"B:"<<b<<endl;
return 0;
}
```

before swapping the values:

A:10

B:20

after swapping the values:

A:20

B:10

Process returned 0 (0x0) execution time : 0.204 s
Press any key to continue.