main.cpp

Share Run

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

int main ()
{
    double length, breadth;
    double areaDouble;
    float areaFloat;
    int areaInt;

    cout << "Length: ";
    cin >> length;
    cout << "Breadth: ";
    cin >> breadth;

    areaDouble = length * breadth;
    areaFloat = areaDouble;
    areaInt = areaDouble;

    cout << "Area (double): " << areaDouble << endl;
    cout << "Area (float): " << areaFloat << endl;
    cout << "Area (Int): " << areaInt;

    return 0;
}
```

Output

```
/tmp/SU2Oz0ZNc3.o
Length: 2.568
Breadth: 13.279
Area (double): 34.1005
Area (float): 34.1005
Area (Int): 34

=== Code Execution Successful ===
```

main.cpp

Run

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

int main ()
{
    int a, b, average;

    cout << "A: ";
    cin >> a;
    cout << "B: ";
    cin >> b;

    average = (a + b)/2;
    cout << "Average (Implicitely type casted) = " <<
        average;

    return 0;
}
```

Output

```
/tmp/W9iuYrA1RL.o
A: 5
B: 4
Average (Implicitely type casted) = 4

=== Code Execution Successful ===
```

main.cpp

Share Run

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

int main ()
{
    int average;
    int OPP, DMS, DSU;

    cout << "Enter marks" << endl;
    cout << "OPP: ";
    cin >> OPP;
    cout << "DMS: ";
    cin >> DMS;
    cout << "DSU: ";
    cin >> DSU;

    average = (OPP + DMS + DSU)/3;
    cout << "Average (Implicitly type casted): " << average;

    return 0;
}
```

Output

```
/tmp/v24F46EAEA.o
Enter marks
OPP: 70
DMS: 85
DSU: 83
Average (Implicitly type casted): 79

=== Code Execution Successful ===
```

main.cpp

Share Run

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

int main ()
{
    int OPP, DSU, DMS, DTE, percentage;

    cout << "Enter marks" << endl;
    cout << "OPP: ";
    cin >> OPP;
    cout << "DSU: ";
    cin >> DSU;
    cout << "DMS: ";
    cin >> DMS;
    cout << "DTE: ";
    cin >> DTE;

    percentage = ((OPP + DSU + DMS + DTE) * 100) / 400;
    cout << "Percentage = " << percentage << "%";

    return 0;
}
```

Output

```
/tmp/WO3ORncmq9.o
Enter marks
OPP: 84
DSU: 91
DMS: 76
DTE: 92
Percentage = 85%

=== Code Execution Successful ===
```