

```
    /*** Program to Implement Function Overloading ***/

#include <iostream>
#include <conio.h>

#define PI 3.14

using namespace std;
void area(int);
void area(int, int);

main()
{
    area(5);
    area(2, 5);
    getch();
}

int area(int r)
{
    float area_cir;
    area_cir = PI * r * r;

    cout << "\nArea of circle: " << area_cir;
}

int area(int l, int b)
{
    int area_rect;
    area_rect = l * b;

    cout << "\n\nArea of rectangle: " << area_rect;
}
```

Output:

```
Area of circle: 78.5  
Area of rectangle: 10
```

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