```cpp
/* Task: Function overloading */
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#include<iostream>
#include<cstdlib>
using namespace std;

float area(float r)
{
     return(3.14 * r * r);
}
float area(float k,float b,float h)
{
     return(0.5*b * h);
}
float area(float l,float br)
{
     return (l * br);
}
int main()
{
     float b,h,r,l,br;
     int i,k=0.5;


          cout<<"\n\n *****Menu***** \n";
          cout<<"\n 1. Area of Circle";
          cout<<"\n 2. Area of Triangle";
          cout<<"\n 3. Area of Rectangle";
          cout<<"\n 4. Exit";
          cout<<"\n\n Enter Your Choice : ";
          cin>>i;
          switch(i)
          {
               case 1:
               {
                    cout<<"\n Enter the Radius of Circle : ";
                    cin>>r;
                    cout<<"\n Area of Circle : "<<area(r)<<" sq.units.";
                    break;
```

```cpp
		}
		case 2:
		{
			cout<<"\n Enter the Base & Height of Triangle : ";
			cin>>b>>h;
			cout<<"\n Area of Triangle : "<<area(k,b,h)<<" sq.units.";
			break;
		}
		case 3:
		{
			cout<<"\n Enter the Length & Bredth of Rectangle : ";
			cin>>l>>b;
			cout<<"\n Area of Rectangle : "<<area(l,b)<<" sq.units.";
			break;
		}
		case 4:
		{ cout<<"Exit";
			exit(0);}
		default:
			cout<<"\n Invalid Choice... ";
	}

}
```