

```
#include <iostream>
```

```
#include <string.h>
```

```
using namespace std;
```

```
Class Shape {
```

```
private:
```

```
    string name;
```

```
public:
```

```
    float showArea() {return float;}
```

```
};
```

```
Class Circle : public Shape {
```

```
private:
```

```
    float radius;
```

```
public:
```

```
    void showName {}
```

```
};
```

```
Class Ellipse : public Shape {
```

```
private:
```

```
    float radius_X, radius_Y;
```

```
public:
```

```
    void showName {}
```

```
};
```