

**1. Write a C++ Program to call a C function using an extern "C" linkage directive. Use compound statement linkage directive for #include<math.h>.**

```
#include <iostream>
```

```
#include <math.h> Using  
namespace std;
```

```
extern "C" {  
    double  
    my_sqrt(double  
    x) {return  
    sqrt(x);  
}  
}
```

```
int main() { double x = 100;  
double y = my_sqrt(x);  
    cout << "Square root of "  
<< x << " is " << y << endl;  
return 0;  
}
```