

# Bir Soru

$$y = \sqrt{5 + \sqrt{10 + \sqrt{15 + \dots + \sqrt{95 + \sqrt{100}}}}}$$

```
#include <iostream>
#include <stdlib.h>
#include <math.h>
using namespace std;

int main(void)
{
float a=100, b=95, c;
for(b; b>0; b -=5)
a = b + sqrt(a);
cout << sqrt(a) << endl;
system("PAUSE");
return 0;
}
```