

Error Log Entry

What error message did you encounter (if any)?

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

What unexpected behavior did your program exhibit?

- 1 I was not able to run the program due to the error message.

What caused the issue? (e.g., syntax error, logic error, incorrect function usage, etc.)

- 1 Syntax error.

Include a screenshot of specific lines of code.

```
1 int main() {
2     int i;
3     for (i = 0; i < 10; i++) {
4         cout << "Random Number: " << rand() << endl;
5     }
6 }
```

How did you fix the issue?

- 1 I asked AI and it told me to remove the parameter.

Provide the corrected code or solution after a correction.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

2 No error message.

2 The program was asking for predictions before prompting to risk points.

2 Logic error.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

2 I asked AI and it told me to switch two statements around.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

3 No error message.

3 The program did not correctly increase number of guesses.

3 Logic error.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

3 I asked AI and it told me to just write the simpler statement (shown below).

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

4 No error message documented.

4 I was not able to run the program due to the error.

4 Syntax error.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

4 I asked AI and it told me to change the comparison to <=.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

5 No error message.

5 The program could not properly evaluate the condition of the while loop.

5 Logic error.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

5 I asked AI and it told me to change <= to <.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

6 I was not able to run the program due to the error.

6 Syntax error.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

6 I asked AI and it told me to add a parameter.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

7 No error message.

7 The program ran an infinite loop of "That is not a valid input! Try again."

7 Logic error.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

7 I asked AI and it told me to move a section of code into the while loop.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

8 No error message documented.

8 I was not able to run the program due to the error.

8 Syntax error.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```

8 I asked AI and it told me to declare the variable outside of the loop.

```
1 //Randomness - random.cpp
2 #include <iostream>
3 #include <cstdlib>
4 #include <ctime>
5 using namespace std;
```