

How to run the program?

Instructions on how to run the program:

- Open the terminal in Linux or command prompt in Windows.
- Cd to the working directory where the program is present.
- Compile the program:
 - `javac Main.java`
- Run the program:
 - `java Main testcases.txt output.txt`
- If you want the console output also, run with this command:
 - `java Main testcases.txt output.txt --v`

Note:

- Make sure java is installed in your system.
- The “--v” option displays output in the console in addition to printing the output to the output.txt file.
- You can change the name of the output file to whatever you wish
- To test on additional test cases, just copy the test cases to a text file, name it, and run similarly as above.
- Example:
 - `java Main name_of_testcase_file.txt name_of_output_file.txt --v`

Sample screen shot:

```
adithya@adithya-CT15:~$ cd /home/adithya/Desktop/AI/src5
adithya@adithya-CT15:~/Desktop/AI/src5$ javac Main.java
adithya@adithya-CT15:~/Desktop/AI/src5$ java Main testcases.txt output.txt --v
TR01
Moves to solution: 3
Generated states: 73
0 (657881):
BK -- -- -- -- -- --
-- -- -- -- -- -- WR
-- -- -- -- WK -- --
-- -- -- -- -- --
-- -- -- -- -- --
-- -- -- -- -- --
-- -- -- -- -- --
-- -- -- -- -- --
1 (647882):
-- BK -- -- -- --
-- -- -- -- -- -- WR
-- -- -- -- WK -- --
-- -- -- -- -- --
-- -- -- -- -- --
-- -- -- -- -- --
-- -- -- -- -- --
2 (637883):
-- -- BK -- -- --
-- -- -- -- -- -- WR
-- -- -- -- WK -- --
-- -- -- -- -- --
-- -- -- -- -- --
-- -- -- -- -- --
-- -- -- -- -- --
3 (638883):
-- -- BK -- -- -- WR
-- -- -- -- -- --
-- -- -- -- WK -- --
-- -- -- -- -- --
-- -- -- -- -- --
-- -- -- -- -- --
-- -- -- -- -- --
```