

```
C:\Users\332002\source\repo X + v
Welcome to the Guessing Game (Digits 1-6 Only)
Try to guess the 4-digit secret code.
You have only 10 attempts to guess
Attempt 1: |
```

Attempt 1 : guess failed

```
C:\Users\332002\source\repo X + v
Welcome to the Guessing Game (Digits 1-6 Only)
Try to guess the 4-digit secret code.
You have only 10 attempts to guess
Attempt 1: 1232
Hint: +++ .
Attempt 2: |
```

Attempt 2-9: we have max 10 attempts to guess

```
Microsoft Visual Studio Debu X + v
Welcome to the Guessing Game (Digits 1-6 Only)
Try to guess the 4-digit secret code.
You have only 10 attempts to guess
Attempt 1: 1232
Hint: +++
Attempt 2: 1233
Hint: +++
Attempt 3: 1432
Hint: ++--
Attempt 4: 4233
Hint: +-
Attempt 5: 2233
Hint: ++
Attempt 6: 4532
Hint: +--
Attempt 7: 2345
Hint: ---
Attempt 8: 1243
Hint: ++--
Attempt 9: 3243
Hint: +--
Attempt 10: 1234
Correct! You win!
```

If failed to guess 10<sup>th</sup> attempt then the secret guess number will be shown.

Note : Code is written in .net 8 console application. if you want to run the code in .net f/w copy the program.cs file into your console application and run.