

Dart Basics Tasks

For the Dart Basics, solve the following problems in any order:

- https://docs.google.com/document/d/1VtpXGbtQ6ctVkN2rKyr5XHttp_LGjQ_YQmeFLE_I2LE/edit?usp=sharing
- <https://codeforces.com/problemset/problem/703/A>
- <https://codeforces.com/problemset/problem/318/A>
- <https://www.hackerearth.com/practice/basic-programming/input-output/basics-of-input-output/practice-problems/algorithm/find-factorial/>
- <https://www.hackerearth.com/practice/basic-programming/input-output/basics-of-input-output/practice-problems/algorithm/palindrome-check-2/>
- <https://www.hackerearth.com/practice/basic-programming/operators/basics-of-operators/practice-problems/algorithm/going-to-office-e2ef3feb/>
- <https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/lunch-boxes-019bf2a5/>
- Game: Guess the number

Write a program where the program chooses a number between 1 and 10. A player is then prompted to enter a guess. If the player guesses wrong, then the prompt appears again until the guess is correct. When the player has made a successful guess the computer will issue a "Well guessed!" message, and the program exits. A conditional loop may be used to repeat the guessing until the user is correct.

- Game: Random Password Generator

Create a simple random password generator. You can find a description for an example of password generators here:

<https://x-engineer.org/random-password-generator-algorithm/>

However, you don't have to make it that complex and you may exclude some of the features and the conditions in the above link.