

Python Basics Projects

- **Create a code generator.** Create 2 functions , the first one takes text as input, replaces each letter with another letter, and outputs the “encoded” message. , the second one decode the message to the original text
- **Build a countdown calculator.** Write some code that can take two dates as input, and then calculate the amount of time between them
- **Make a temperature/measurement converter.** Write a script that can convert Fahrenheit to Celcius and back, or inches to centimeters and back, etc
- **Build an alarm clock.** build an alarm clock for yourself , you can set multiple alarms , the alarm should show desktop notification
- **Build todo list** that reminds with with tasks in certain times , show the tasks as desktop notification
- **Build an email slicer** : create a function that takes an email as input and retrieve the username and domain of the email
- **Random Password Generator** : create a function that generates a random password , the password must be +7 letters , should contain numbers , upper case letter , small letter and _ only
- **Currency converter** : create a python script that takes a money with currency sign and convert it to some other currencies , the code should be like the game we did before