**Week:1**

**Task: To Bulit a Random Password generator**

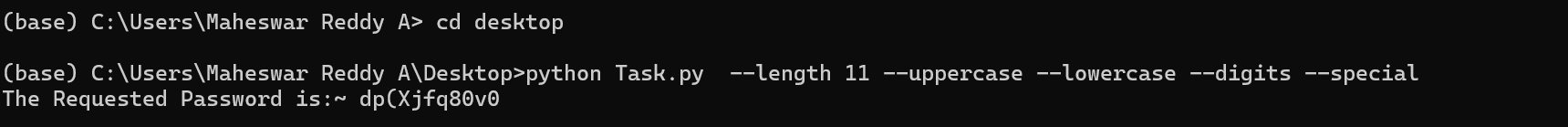
Detailed Commands to Execute the applications as Follows:

For our instance let us know what are there in this code in order to get our required output.

Here there are : Digits, Lowercase Characters, Uppercase Characters, Symbols, and the length of the String that you required.

Here I had Taken three Scenarios that can be used for our Understanding.

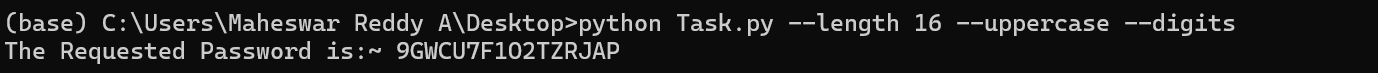
1. Here I need all kinds of the characters that can be included in the generation of the password.



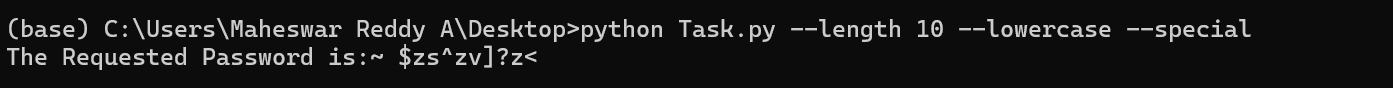
Here the generated password of length 11 and consists of uppercase,lowercase,digits,special characters .

Command: **>python Task.py --length 11 --uppercase --lowercase --digits –special**

1. Here I taken to generate password of length 16 with only uppercase letters and digits



Command: **python Task.py --length 16 --uppercase –digits**

1. Here I taken a password of length 10 with lowercase letters and special characters

Command: **pythonTask.py --length 10 --lowercase --special**