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**Roll no.057**

**Section: BSDS-2A**

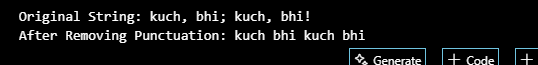
**Why**

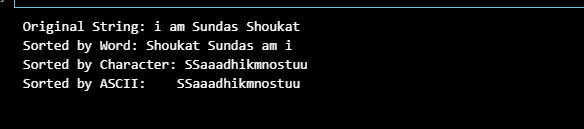
* The code is written to solve a specific task step by step.
* Functions are used to avoid writing the same code again and again.
* Loops are used so the program can repeat work automatically.
* If/else conditions are used so the program can make decisions.
* Libraries are imported to use ready-made tools instead of writing everything from scratch.
* File reading/writing is done to work with real data.
* Print is used to show the result to the user.
* Return is used so the function can give back the result for later use.

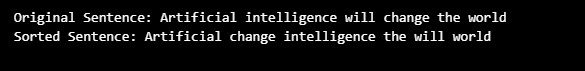
**How**

* def is used to make a function that takes input, runs logic, and gives output.
* Loops (for, while) repeat the same code many times until the condition ends.
* If/else checks conditions and runs the correct block of code.
* open() or pandas.read... is used to read data from files into memory.
* print() shows output on the screen while the program is running.
* return sends back the result from a function so it can be reused.

**Output**



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