

# Python Mini Project

## Project:6

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Problem Statement:

You need to write a python script that generates an acronym word from a given sentence.

- Take multiple strings as input in the form of list.
- Add the first letter of each string to output.
- Iterate over the complete string and add every next letter to space to output.
- Change the output to uppercase (required acronym).
- You must generate Acronyms for all given strings.

CODE:

```
Phrase = input("Enter a Phrase to convert in Acronym: ")
```

```
Listwords = Phrase.split()
```

```
final_acronym = ""
```

```
# Adding the first letter and iterating of each string to output
```

```
for i in Listwords:
```

```
    Finalacronym += i[0].upper() # Changing the output to uppercase (required Acronym).
```

```
print("FinalAcronym : ", final_acronym)
```

```
# Generating Acronyms for all given strings.
```

```
for i in range(len(final_acronym)):
```

```
    print(final_acronym[i], " ==> ", Listwords[i])
```

## Screenshots of Output:

```
Run: Python mini project x
"C:\Users\SMIT Mistry\venv\Scripts\python.exe" "C:/Users/SMIT Mistry/PycharmProjects/Python mini project.py"
Enter a Phrase to convert in Acronym: indian space research organisation
Final Acronym : ISRO
I ==> indian
S ==> space
R ==> research
O ==> organisation

Process finished with exit code 0
```

```
Run: Python mini project x
"C:\Users\SMIT Mistry\venv\Scripts\python.exe" "C:/Users/SMIT Mistry/PycharmProjects/Python mini project.py"
Enter a Phrase to convert in Acronym: lovely professional university
Final Acronym : LPU
L ==> lovely
P ==> professional
U ==> university

Process finished with exit code 0
```

```
Run: Python mini project x
"C:\Users\SMIT Mistry\venv\Scripts\python.exe" "C:/Users/SMIT Mistry/PycharmProjects/Python mini project.py"
Enter a Phrase to convert in Acronym: hyper text markup language
Final Acronym : HTML
H ==> hyper
T ==> text
M ==> markup
L ==> language

Process finished with exit code 0
```