

Report

Gain Guidance from Career Gurus :

There are 6 key pillars to get a headstart.

- *Clarity of thought* - Set a clear goal, Reasonable or achievable, with clear milestones.
- *Access and Visibility* - Means or options should exist or be created within given constraints to gain visibility.
- Early preparation - plan and actively work towards required improvement.
- *Acquire relevant skills* - Build Competency and Skills through training.
- *Compelling resume* - Resume must be simple and concise with correct verified abilities.
- *Cracking Interview* - Present the skills in confident and showcase the interesting fields.

Write a Winning Resume and Cover Letter :

- Importance of resume.
- Types of resume – Chronological, Functional and Combination.
- Do's - Use bullets instead of paragraphs, Use keywords.
- Don't – Don't use jargon/acronyms, don't include photograph unless specified.
- Structure of cover letter

Stay Ahead in Group Discussions :

During GD process the following points must be noted.

- Clarity
- Body language (gesture, facial expression, etc.).
- Active listening.
- Neutral tone of voice.
- appropriate language.
- Courtesy.
- Conciseness. Should be confident while presenting your view.

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Course:	The Python Mega Course: Build 10 Real World Applications	USN:	4al17ec001

Topic:	1] The Basics: Operations with Data Types	Semester & Section:
	2] The Basics: Functions and Conditionals	
	3] The Basics: Processing User Input	
	4] The Basics: Loops	
	5] Putting the Pieces Together: Building a Program	

AFTERNOON SESSION DETAILS

Image of session

```

1 def sentence_maker(phrase):
2     interrogatives = ("how", "what", "why")
3     capitalized = phrase.capitalize()
4     if phrase.startswith(interrogatives):
5         return "{}?".format(capitalized)
6     else:
7         return "{}.".format(capitalized)
8
9 results = []
10 while True:
11     user_input = input("Say something: ")
12     if user_input == "end":
13         break
14     else:
15         results.append(sentence_maker(user_input))
16
17 print(results)

```

```

Type "help", "copyright", "credits" or "license" for more information.
>>> def maker(phrase):
...     capitalized = phrase.capitalize()
arid:app0 m$ python3 textpro.py
How are you?
arid:app0 m$ python3 textpro.py
Say something: how are you
Say something: weather is good
Say something: \end
['how are you', 'weather is good']
arid:app0 m$ python3 textpro.py
Say something: weather is good
Say something: how are you
Say something: \end
['weather is good.', 'How are you?']
arid:app0 m$

```

Lectures More



54 Summary: Loops
Article

Section 8 - Putting the Pieces Together: Building a Progr...



55 Problem Statement
Video - 03:48 mins



Report

Operations with Data Types

- More operations on lists.
- Append item to a list using append () method.
- Remove item from a list using remove () and pop () method.
- Append or remove range of items from a list using index of the list.
- Accessing and slicing lists, strings and dictionaries.
- Slicing list, strings and dictionaries using both positive and negative indexes.

Functions and Conditionals

- Difference between print and return in a function definition.
- Introduction to conditionals with examples.
- Difference between 'and' and 'or' in conditionals.
- Use of elif condition, if there are more than two condition to be checked.
- Importance of white space in python.

Processing User Input

- To take the input from the user for the program using input () function.
- String formatting using methods like title (), uppercase (), etc.

Loops

- How for loops are useful for executing a command over a large number of items.
- Use of for loops to print items present in list, strings, dictionaries, etc.
- Use of break and continue keyword inside while loop.



