

PMR

Review Question	Response
What was the purpose of your program?	Introduce the program to the user. While asking their name and an animal starting with the letter z.
How could your program be useful in the real world?	It could introduce people to other people via aa questionnaire per person.
What is a problem you ran into, and how did you fix it?	I didnt run into any issues while running/writing/compiling this program.
Describe one thing you would do differently the next time you write a program.	Make the program a little more advanced. Use less lines.

PSUDOCODE

START

- ❖ Initialize animals with a list of animals with the letter z
- ❖ Define main
 - Initialize globals
 - Print "Hi im your new virtural friend! You can call me Juice."
 - Set name to the result of input "What is your name?: "
 - If length or name less than or equal to 1
 - Print "Thats Cool"
 - Else
 - Print "Thats Cool, The second letter of your name is " + `name[2]`
 - While true
 - Set animal to the input of "Name an animal that starts with the letter 'z': "
 - If animal starts with z and is in animals
 - Print "Good Job! " + `animal` + " does start with the letter 'z'"
 - `break`
 - Else
 - "Not quite, Try again!"
 - Print "It was nice chatting with you " + `name` + ". Have a good day!"
- ❖ Call main

END

Code

```
#initialize animals
animals = ["zebra","zebu","zonkey","zebra shark","zebra
spider","zorse","zokor","zorro","zorilla","zuchon","zebra moray eel", "zapata
wren","zapata","zebra moray", "zanzaibar","zabra duiker"]
def main():
    global animals
    print("Hi im your new virtural friend! You can call me Juice.")
    name = input("What is your name?: ")
    if (len(name)<=1):
        print("Thats Cool")
    else:
        print("Thats Cool, The second letter of your name is " + name[2])
    while True:
        animal = input("Name an animal that starts with the letter 'z':
").strip().lower()

        if (animal[0]=="z" and animal in animals):
            print("Good Job! " + animal + " does start with the letter 'z'")
            break
        else:
            print("Not quite, Try again!")
    print("It was nice chatting with you " +name+". Have a good day!")
main()
```