

## Assignment 1



Bahria University  
Discovering Knowledge

### BAHRIA UNIVERSITY (KARACHI CAMPUS)

ASSGINMENT # 1 - FALL 2020

Artificial Intelligence Lab

Class: **BSE 5(A/B) & 7B**

Lab Instructor: **Engr. Muhammad Rehan Baig**

**Submission Deadline: 25<sup>th</sup> December, 2020**

Max Marks: **5**

**Q:** A multinational Organization wants to make food ordering more ubiquitous in order to make that they wants you to **Create** a chatbot for Food Ordering system for a Restaurant.

Contains Following Features

- Menu choosing
- Topping addition in order
- Reordering
- Discounted deals
- Invoice printing

#### Note:

- Please Provide Proper documentation of your Assignment.
- If you submit your assignment after the given deadline then **2 Marks** will be deducted for the late submissions.
- Copied assignment will be marked **zero**.
- ***Please don't share your assignment*** with any of your colleagues Because **Same Assignments** will be marked as copied and **ZERO** will be assigned to both. Author and Copier

## Assignment 1

CODE :

```
menuitem = ["[1] Menu choosing","[2] Topping addition in order","[3] Reordering",
"[4] Discounted deals","[5] Invoice printing"]

print("Hello, I am Food Ordering Bot")

print("-----")

def order():

    listitems = ["[1] Burger Rs 500","[2] Pizza RS 1000","[3] Roll RS 100","[4] C
old Drink RS 80","[5] Fries RS 50"]

    for items in listitems:

        print(items)

        print("-----")

    x=" "

    selectitem =int(input("Select Your Item : "))

    if(selectitem==1):

        select=selectitem

        store=listitems[select]

        print(store)

        print("-----")

    elif(selectitem==2):

        select=selectitem

        store=listitems[select]

        print(store)

        print("-----")

    elif(selectitem==3):

        select=selectitem

        store=listitems[select]
```

## Assignment 1

```
print(store)

print("-----")

elif(selectitem==4):

    select=selectitem

    store=listitems[select]

    print(store)

    print("-----")

elif(selectitem==5):

    select=selectitem

    store=listitems[select]

    print(store)

    print("-----")

def reorder():

    order()

def topping():

    listitems = ["[1] Chicken Tikka","[2] Chicken Fajita","[3] Roll Mayo","[4] Ch
icken Afghani","[5] chinese Fries"]

    for items in listitems:

        print(items)

        print("-----")

x= " "

selectitem =int(input("Select Your Item : "))

if(selectitem==1):

    select=selectitem

    store=listitems[select]

    print(store)
```

## Assignment 1

```
        print("-----")

    elif(selectitem==2):

        select=selectitem

        store=listitems[select]

        print(store)

        print("-----")

    elif(selectitem==3):

        select=selectitem

        store=listitems[select]

        print(store)

        print("-----")

    elif(selectitem==4):

        select=selectitem

        store=listitems[select]

        print(store)

        print("-----")

    elif(selectitem==5):

        select=selectitem

        store=listitems[select]

        print(store)

        print("-----")

def discountdeals():

    listitems = ["[1] 2 Pizza + Fries","[2] 1 large Pizza + Cold Drink","[3] Roll  
Mayo + Cold Drink","[4] Roll + 1 Pizza Large"]

    for items in listitems:

        print(items)
```

## Assignment 1

```
print("-----")

x=" "

selectitem =int(input("Select Your Item : "))

if(selectitem==1):

    select=selectitem

    store=listitems[select]

    print(store)

    print("-----")

elif(selectitem==2):

    select=selectitem

    store=listitems[select]

    print(store)

    print("-----")

elif(selectitem==3):

    select=selectitem

    store=listitems[select]

    print(store)

    print("-----")

elif(selectitem==4):

    select=selectitem

    store=listitems[select]

    print(store)

    print("-----")

def script():

    print("Item name:"+item.x)

    print("Item Extra Topping: Chicken Fajita" +topping.x)
```

## Assignment 1

```
print("Total Price: 1000PKR" price.x)

print("Thanks For Ordering You Can pay cahon Deilvery")

if __name__ == "__main__":
    print("Here is the menu let's select your option")
    print("")
    print("-----")
    for items in menuitem:
        print(items)
        print("-----")
    while True:
        menuitemslct =int(input("Select Any one Option : "))
        if(menuitemslct==1):
            order()
        elif(menuitemslct==2):
            topping()
        elif(menuitemslct==3):
            reorder()
        elif(menuitemslct==4):
            discountdeals()
        elif(menuitemslct==5):
            script()
```

## Assignment 1

```
PS C:\Users\user\Desktop\Assignment\public> &
/AI/labs/lab_tasks_solution/Assignment1.py"
Hello, I am Food Ordering Bot
```

-----  
Here is the menu let's select your option

-----  
[1] Menu choosing

-----  
[2] Topping addition in order

-----  
[3] Reordering

-----  
[4] Discounted deals

-----  
[5] Invoice printing

-----  
Select Any one Option : 1

Select Any one Option : 3

[1] Burger Rs 500

-----  
[2] Pizza RS 1000

-----  
[3] Roll RS 100

-----  
[4] Cold Drink RS 80

-----  
[5] Fries RS 50

-----  
Select Your Item : █

-----  
[1] Menu choosing

-----  
[2] Topping addition in order

-----  
[3] Reordering

-----  
[4] Discounted deals

-----  
[5] Invoice printing

-----  
Select Any one Option : 2

[1] Chicken Tikka

-----  
[2] Chicken Fajita

-----  
[3] Roll Mayo

-----  
[4] Chicken Afghani

-----  
[5] chinese Fries

-----  
Select Your Item : 1

[2] Chicken Fajita

-----  
Select Any one Option : █

-----  
[1] Menu choosing

-----  
[2] Topping addition in order

-----  
[3] Reordering

-----  
[4] Discounted deals

-----  
[5] Invoice printing

-----  
Select Any one Option : 4

[1] 2 Pizza + Fries

-----  
[2] 1 large Pizza + Cold Drink

-----  
[3] Roll Mayo + Cold Drink

-----  
[4] Roll + 1 Pizza Large

-----  
Select Your Item : █

## Assignment 1

```
Select Any one Option : 4
```

```
[1] 2 Pizza + Fries
```

```
[2] 1 large Pizza + Cold Drink
```

```
[3] Roll Mayo + Cold Drink
```

```
[4] Roll + 1 Pizza Large
```

```
Select Your Item : 1
```

```
[2] 1 large Pizza + Cold Drink
```

```
Select Any one Option : 
```

```
[1] Menu choosing
```

```
[2] Topping addition in order
```

```
[3] Reordering
```

```
[4] Discounted deals
```

```
[5] Invoice printing
```

```
Select Any one Option : 5
```

```
Item name: Pizza
```

```
Item Extra Topping: Chicken Fajita
```

```
Total Price: 1000PKR
```

```
Thanks For Ordering You Can pay cahon Deilvery
```