

InfyIQ : Learning Amplified

infyiq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Quiz 1

Computers are used to solve specific problems. We can write programs to solve some of the problems faced by an ATC.
ATC has to solve many problems as mentioned below.
Can you connect the below questions to the mentioned categories of problems using the mouse?

How many flights have landed today?

Should a flight land immediately or circle in air for some more time?

Which runway is currently free?

Among the many flights ready for landing, the flight with the lowest fuel level should be allowed to land first. How can it be done?

1200 landings and takeoffs happen in a day with only 2 runways. How do you manage it?

Optimization

Sorting

Decision

Searching

Counting

Submit Reset

✓ Your answer is Right

Your answers are submitted.

Table of Contents

View Course ToC

Flat List

Programming Fundamentals using Python 71h 14m

Programming Fundamentals using Python 71h 14m

Assessment - Programming Fundamentals using Python 46m

1902 11-06-2020

InfyIQ : Learning Amplified

infyiq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Quiz 2

Assume, Num1=5, Num2=6.
Match the output of the arithmetic expressions.

Num1+Num2

Num1-Num2

Num1*Num2

Num1/Num2

Num1%Num2

11

30

5

0

-1

Submit Reset

✓ Your answer is Right

Considering Num1=5 and Num2=6

Num1+Num2	5+6 ->	11
Num1-Num2	5-6 ->	-1
Num1*Num2	5*6 ->	30
Num1/Num2	5/6 ->	0
Num1%Num2	5%6 ->	5

Hence this is the answer.

Your answers are submitted.

Contact Us FAQs Feedback Terms and Conditions

© 2020, Infosys Ltd.

1911 11-06-2020

InfyTQ : Learning Amplified

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Quiz 3

Assume, Num1=5, Num2=6.
Match the output of the relational expressions.

Categories	Options
Num1 < Num2	True
Num1 <= Num2	True
Num1 > Num2	False
Num1 >= Num2	False
Num1 != Num2	True

Submit

Your answer is Right

Num1 < Num2 -> (5 < 6) -> True
Num1 <= Num2 -> (5 <= 6) -> True
Num1 > Num2 -> (5 > 6) -> False
Num1 >= Num2 -> (5 >= 6) -> False
Num1 != Num2 -> (5 != 6) -> True
Hence this is the answer.

Your answers are submitted.

1912 11-06-2020

InfyTQ : Learning Amplified

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Quiz 4

Assume, Num1=5, Num2=6.
Match the output of the logical expressions.

Categories	Options
(Num1 < Num2) and (Num1 != Num2)	True
(Num2 >= Num1) or (Num1 > Num2)	True
not (Num1 == Num2)	True

Try again in 1

Your answer is Right

(Num1 < Num2) and (Num1 != Num2) -> (5 < 6) and (5 != 6) -> True and True -> True
(Num2 >= Num1) or (Num1 > Num2) -> (6 >= 5) or (5 > 6) -> True or False -> True
not (Num1 == Num2) -> not(5 == 6) -> not(False) -> True
Hence this is the answer.

Your answers are submitted.

1913 11-06-2020

infyTQ : Learning Amplified

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY

CERTIFICATION

ALUMNI STORIES

CONTEST ARENA

GALLERY

GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Exercise 1 - Level 1

Write a pseudo-code to represent the logic for converting a given number of days into its equivalent number of seconds.

Sample Input for No. of days	Expected Output
3	Total number of seconds: 259200
5	Total number of seconds: 432000

Note: You can drag and drop the required number of pseudo-code magnets into the pseudo-code box.

Estimated Time: 10 minutes

Pseudo-code Magnets:

Seconds=No_Of_Days*60*60*60

Seconds=No_Of_Days*24*60

Seconds=No_Of_Days*60*60

Pseudo-code

input No_Of_Days

Seconds= No_Of_Days*24*60*60

display "Total number of seconds:",Seconds

Congratulations !!! Your answer is right.

Try again in 1

Reset

Your solution has been submitted.

Programming Fundamentals using Python

Table of Contents

View Course ToC

Flat List

Programming Fundamentals using Python 71h 14m

Programming Fundamentals using Python 71h 14m

Assessment - Programming Fundamentals using Python 46m

1913

11-06-2020

InfyTQ: Learning Amplified

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Quiz 5

The pseudo-code given below is written to identify the result of the football match held in the campus. Choose the correct logic from the given drop down to complete the pseudo-code.

SELECTION

1. input My_Team_Goals
2. input Opponent_Team_Goals
3. if (My_Team_Goals > Opponent_Team_Goals) then
4. display "we won"
5. else if (My_Team_Goals < Opponent_Team_Goals) then
6. display "They won"
7. else
8. display "It's a tie"
9. end-if

Submit

✓ Your answer is Right

Line 3: if(My_Team_Goals > Opponent_Team_Goals) then	Line 4 is reached when we score more goals than opponent team
Line 5: if(My_Team_Goals < Opponent_Team_Goals) then	Line 6 is reached when our opponent scores more goals than us
Line 8: display "It's a tie"	It will be a tie, if both teams score equal number of goals

Your answers are submitted.

InfyTQ: Learning Amplified

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Quiz 6

What is the outcome of the following pseudo-code?

```
1 input Counter
2 while(Counter<5) do
3   Counter=Counter+1
4   display Counter
5 end-while
```

Assume that the input value provided to variable, Counter is 1

☒ 2,3,4,5

☐ 2,3,4

☐ 1,2,3,4

☐ 1,2,3,4,5

Try again in 2

✓ Your answer is Right

For this option to be correct, control should reach line 4 four times. While loop in line 2 executes for all values of Counter less than 5 and during each iteration, value of Counter is incremented by 1 and displayed. Initial value of Counter being 1, control reaches line 4 four times displaying Counter values - 2,3,4 and 5. Hence this is the answer.

Your answers are submitted.

infyTQ : Learning Amplified

infyTQ.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

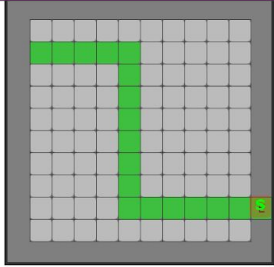
Exercise 2 - Level 2

Pseudo-code Magnets:

```
move Right
end-for
for(counter=0, counter<=0, counter=counter+1)
```

Pseudo-code:

```
for(counter=0, counter<=4, counter=counter+1)
move Right
end-for
for(counter=0, counter<=6, counter=counter+1)
move Down
end-for
for(counter=0, counter<=5, counter=counter+1)
move Right
end-for
```



Congratulations... You have reached the destination

Submit Clear Reset

Your answer has been submitted successfully.

19:17 11-06-2020

infyTQ : Learning Amplified

infyTQ.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Exercise 3: Collaborative Exercise - Level 2


Pseudo-code Magnets:

```
display Sunset
display Rain
display Nightsky
add Tree
display Moon
```

```
display Daylight
display Snow
add Mountain
end-for
for(Counter=0, Counter<=3, Counter=Counter+1)
add Sheep
end-for
```


Reset Submit

Expected Canvas



Congratulations !!! Your answer is right.

Current Canvas



Your answer has been submitted successfully.

19:19 11-06-2020

InfyIQ: Learning Amplified x Untitled document - Google Doc x +

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 2: Collaborative Assignment - Level 2

Pseudo-code Magnets:

Pseudo-code

```
Input Number1,Number2,Number3
if(Number1 < Number2) then
if(Number1 < Number3) then
display "Num1 is the smallest"
else
display "Num3 is the smallest"
end-if
else if(Number2 < Number3) then
display "Num2 is the smallest"
else
display "Num3 is the smallest"
end-if
```

Congratulations !!! Your answer is right.

Submit Reset

Your solution has been submitted.

17:25 17-06-2020

InfyIQ: Learning Amplified x Untitled document - Google Doc x +

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 3: Collaborative Assignment - Level 2

```
6 distance_one_way=190
7 per_head_cost=0
8 divisible_by_five=False
9
10 #Start writing your code from here
11 #Populate the variables: per_head_cost and divisible_by_five
12 d=distance_one_way*2
13 d=d/mileage
14 d=d*amount_per_litre
15 per_head_cost=d/4
16 if d%5==0:
17     divisible_by_five=True
18
19 print(per_head_cost)
20 print(divisible_by_five)
```

Verify Submit Python Visualize Execute

Result Pane:

```
316.6666666666667
False
```

Your code has been submitted.

17:26 17-06-2020

InfyIQ: Learning Amplified x Untitled document - Google Doc: x +

infyiq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 4: Mandatory - Level 1

Question Submission

Code pane:

```
1 #PF-Assign-4-
2 #This verification is based on string match.-
3
4 principal=7800
5 rate_of_interest=7.7
6 time=26
7 interest=0
8
9 #Start writing your code from here-
10 #Populate the variable: interest-
11 interest=(principal*rate_of_interest*time)/100
12
13
14 #Do not modify the below print statement for verification to work-
```

RESET FULLSCREEN A+ A- LAST SUBMISSION

Verify Submit Python Visualize Execute

Result Pane:

Correct Solution.

Programming Fundamentals using Python

Table of Contents

View Course ToC Flat List

Programming Fundamentals using Python 71h 14m

Programming Fundamentals using Python 71h 14m

Assessment - Programming Fundamentals using Python 46m

17:26 17-06-2020

InfyIQ: Learning Amplified x Untitled document - Google Doc: x +

infyiq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 5: Mandatory - Level 2

Note: This page has system assisted problem solving. Interactions would come to your help if you wait at any step or if you make a mistake. We encourage you to try different logic variations.

Possible Pseudo-code Magnets

Your Answer

```
input Year
if (Year%4==0 and Year%100!=0) then
display "It is a leap year"
else if (Year%400==0) then
display "It is a leap year"
else
display "It is not a leap year"
end-if
```

Congratulations !!! Your answer is right.

Try again in 2 Reset

Your solution has been submitted.

Programming Fundamentals using Python

Table of Contents

View Course ToC Flat List

Programming Fundamentals using Python 71h 14m

Programming Fundamentals using Python 71h 14m

Assessment - Programming Fundamentals using Python 46m

17:28 17-06-2020

InfyIQ : Learning Amplified x Untitled document - Google Doc: x +

infyiq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 6: Mandatory - Level 2

Pseudo-code Magnets:

```
Reverse=Remainder*10+Reverse
while(Number!=0) do
Remainder=Number/10
Number=Number%10
```

Pseudo-code

```
Input Number
Temp=Number
Reverse=0
while(Number!=0) do
Remainder=Number%10
Reverse=Reverse*10+Remainder
Number=Number/10
end-while
if(Temp==Reverse) then
display "Palindrome"
else
display "Not a Palindrome"
end-if
```

Congratulations !!! Your answer is right.

Try again in 2 Reset

Your solution has been submitted.

Programming Fundamentals using Python

Table of Contents

View Course ToC Flat List

- Programming Fundamentals using Python 71h 14m
- Programming Fundamentals using Python 71h 14m
- Assessment - Programming Fundamentals using Python 46m

17:31 17-06-2020

InfyIQ : Learning Amplified x Untitled document - Google Doc: x +

infyiq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 7: Mandatory - Level 2

Write a pseudo-code to find the sum of numbers divisible by 4. The pseudo-code must allow the user to accept a number and add it to the sum if it is divisible by 4. It should continue accepting numbers as long as the user wants to provide an input and should display the final sum.

Note: You can drag and drop the pseudo-code magnets to the pseudo-code step boxes and create the appropriate pseudo-code.

Estimated Time: 20 minutes

Pseudo-code Magnets:

```
if(Number/4==0) then
while(Choice=="No") do
```

Pseudo-code

```
Sum=0
Choice="Yes"
while(Choice=="Yes") do
Input Number
if(Number%4==0) then
Sum=Sum+Number
end-if
display "Do you want to continue? (Enter Yes or No)"
Input Choice
end-while
display Sum
```

Congratulations !!! Your answer is right.

Try again in 2 Reset

Programming Fundamentals using Python

Table of Contents

View Course ToC Flat List

- Programming Fundamentals using Python 71h 14m
- Programming Fundamentals using Python 71h 14m
- Assessment - Programming Fundamentals using Python 46m

17:37 17-06-2020

InfyTQ : Learning Amplified x Untitled document - Google Doc x +

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 8 - Level 2

Pseudo-code Magnets:

```
Number=Number%10
Sum=Sum+Number*Number*Number
if(Number==Sum) then
while(Number==0) do
```

Pseudo-code

```
Input Number
Temp=Number
Sum=0
while(Number!=0) do
Remainder=Number%10
Sum=Sum+Remainder*Remainder*Remainder
Number=Number/10
end-while
if(Temp==Sum) then
display "This is an Armstrong Number"
else
display "This is not an Armstrong Number"
end-if
```

Congratulations !!! Your answer is right.

Submit Reset

Your solution has been submitted.

1741 17-06-2020

InfyTQ : Learning Amplified x Untitled document - Google Doc x +

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 9 - Level 3

Pseudo-code Magnets:

```
end-while
if(Path_Ahead_Available) then
Turn Right
move forward
while(start != end) do
Diffuse Bombs
else if(Left_Turn_Available) then
else if(Diffuser_Found) then
end-if
else
if(Key_Found) then
end-if
Unlock Lock
```

Pseudo-code:

```
while(start != end) do
if(Path_Ahead_Available) then
move forward
else if(Left_Turn_Available) then
Turn Left
move forward
end-if
if(Key_Found) then
Unlock Lock
else if(Diffuser_Found) then
Diffuse Bombs
end-if
end-while
```

Congratulations... You have reached the destination

Submit Clear Reset

Your answer has been submitted successfully.

1747 17-06-2020

InfyTQ : Learning Amplified x Untitled document - Google Doc x +

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 10 - Level 2

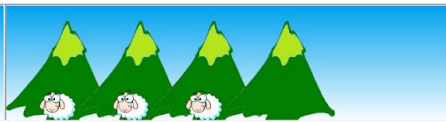
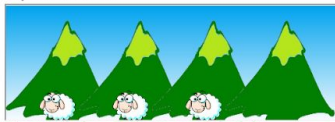
Pseudo-code Magnets:

- display Nightsky
- display Sunrise
- display Snow
- display Sunset
- display Moon
- display Rain
- add Tree

```
display Daylight
for(Counter=0, Counter<=3, Counter=Counter+1)
add Mountain
end-for
for(Counter=0, Counter<=2, Counter=Counter+1)
add Sheep
end-for
```

Reset Submit

Expected Canvas **Current Canvas**



Congratulations !!! Your answer is right.

Your answer has been submitted successfully.

Windows taskbar: 17:49 17-06-2020

InfyTQ : Learning Amplified x Untitled document - Google Doc x +

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON



Assignment 11 - Level 2

display Rain
end-for
display Sunset
display Sunrise
display Daylight

```
add Sheep
display Nightsky
display Moon
display Snow
for(Counter=0, Counter<=2, Counter=Counter+1)
add Tree
```

Reset Submit

Expected Canvas **Current Canvas**



Congratulations !!! Your answer is right.

Your answer has been submitted successfully.

Windows taskbar: 18:04 17-06-2020

InfyTQ: Learning Amplified x Untitled document - Google Doc x +

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 12 - Level 2

Estimated Time: 10 minutes

Run Code

```
5 alex = turtle.Turtle() # create a turtle name alex
6 alex.shape("turtle") # alex looks like a turtle
7 alex.color('red') # alex has a color
8
9
10 alex.circle(50) # draws a circle of radius 50
11 alex.backward(50) # alex moves 50 position backward
12 alex.forward(150) # alex moves 50 position forward
13 alex.right(60) # alex turns 60 degree clockwise
14 alex.left(150) # alex turns 60 degree counter-clockwise
15 alex.forward(100)
16 alex.right(-90) # alex turns 60 degree counter-clockwise
17 alex.forward(200)
18 alex.left(90) # alex turns 60 degree counter-clockwise
19 alex.forward(100)
20 alex.right(-90)
21 alex.forward(200)
22 alex.right(90)
```

Table of Contents

- View Course ToC
- Flat List
- Programming Fundamentals using Python 71h 14m
- Programming Fundamentals using Python 71h 14m
- Assessment - Programming Fundamentals using Python 46m

1801 17-06-2020

InfyTQ: Learning Amplified x Untitled document - Google Doc x +

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 15: Collaborative Assignment - Level 1

Code pane:

```
1 #PF-Assign-15-
2
3 def find_product(num1,num2,num3):-
4     product=0
5     #write your logic here-
6     if num1==7:-
7         product=num2*num3
8     elif num2==7:-
9         product=num3
10    elif num3==7:-
11        product=num1
12    else:-
13        product=num1*num2*num3
14    return product
15
16 #Provide different values for num1,num2,num3 and test your program
```

Verify Submit Python Visualize Execute

Result Pane:

7 out of 7 test cases passed.

1 out of 1 structural test cases passed.

6 out of 6 logical test cases passed.

Your code has been submitted.

1825 17-06-2020

InfyIQ: Learning Amplified x Untitled document - Google Doc x +

infyiq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 16: Collaborative Assignment - Level 2

Question Submission

Code pane:

```
10 ..... r5=rupees_to_make//5
11 ..... rupees_to_make=rupees_to_make%5
12 ..... if rupees_to_make<5:-
13 .....     r1=rupees_to_make
14 .....     if r1<no_of_one and r5<no_of_five:-
15 .....         five_needed=r1
16 .....         one_needed=r1
17 .....         print("No. of Five needed :", five_needed)
18 .....         print("No. of One needed :", one_needed)
19 .....     else:-
20 .....         print(-1)
21 .....
22 .....
23 .....
24 ..... # Use the below given print statements to display the output-
25 ..... # Also, do not modify them for verification to work-
```

Verify Submit Python Visualize Execute

Result Pane:

```
No. of Five needed : 5
No. of One needed : 3
```

Your code has been submitted.

1842 17-06-2020

InfyIQ: Learning Amplified x Untitled document - Google Doc x +

infyiq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 17: Mandatory - Level 1

Code pane:

```
3 def find_new_salary(current_salary,job_level):-
4     # write your logic here-
5     new_salary=0
6     if job_level==3:-
7         new_salary+=current_salary*15/100
8     elif job_level==5:-
9         new_salary+=current_salary*5/100
10    elif job_level==4:-
11        new_salary+=current_salary*7/100
12    return new_salary
13
14 # provide different values for current_salary and job_level and test your
15 # program-
16 new_salary=find_new_salary(10000,3)
17 print(new_salary)
```

Submit Python Visualize Execute

Result Pane:

```
1500.0
```

Your code has been submitted.

1848 17-06-2020

infytq: Learning Amplified x Untitled document - Google Doc x +

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

```
2
3 def convert_currency(amount_needed_inr,current_currency_name):-
4     current_currency_amount=0
5     #write your logic here
6     if current_currency_name=="Euro":
7         current_currency_amount=amount_needed_inr*0.01417
8     return current_currency_amount
9
10
11 #Provide different values for amount_needed_inr,current_currency_name
12 and test your program
13 currency_needed=convert_currency(2000,"Euro")
14 if(currency_needed!=-1):
15     print(currency_needed)
```

Submit Python Visualize Execute

Result Pane:
28.34

programming fundamentals using python

Table of Contents

View Course ToC Flat List

Programming Fundamentals using Python 71h 14m

Programming Fundamentals using Python 71h 14m

Assessment - Programming Fundamentals using Python 46m

Your code has been submitted.

Contact Us FAQs Feedback Terms and Conditions

© 2020, Infosys Ltd.

1851 17-06-2020

infytq: Learning Amplified x Untitled document - Google Doc x +

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY CERTIFICATION ALUMNI STORIES CONTEST ARENA GALLERY GET TO KNOW US

Question Submission

```
8
9 elif distance_in_kms>3 and distance_in_kms<=6:-
10     d=3
11 else:-
12     d=6
13
14 if food_type=="N":-
15     bill_amount=(150*quantity_ordered)+d
16 elif food_type=="V":-
17     bill_amount=(120*quantity_ordered)+d
18 else:-
19     return 0
20 return bill_amount
21
22 #Provide different values for food_type,quantity_ordered,distance_in_kms
and test your program
```

Verify Enabling In 2 Python Visualize Execute

Result Pane:
306

programming fundamentals using python

Table of Contents

View Course ToC Flat List

Programming Fundamentals using Python 71h 14m

Programming Fundamentals using Python 71h 14m

Assessment - Programming Fundamentals using Python 46m

Your code has been submitted.

Contact Us FAQs Feedback Terms and Conditions

© 2020, Infosys Ltd.

1859 17-06-2020

infyTQ : Learning Amplified

Untitled document - Google Doc

infytq.infosys.com/viewer/lex_auth_0125409616243425281061/lex_auth_0124897255173980160

LEARNING JOURNEY

CERTIFICATION

ALUMNI STORIES

CONTEST ARENA

GALLERY

GET TO KNOW US

PROGRAMMING FUNDAMENTALS USING PYTHON

Assignment 21 - Level 3

Problem Statement

Submission

Test the program

Code pane:

```
1 #PF-Tryout
2
3 def generate_next_date(day,month,year):-
4     #Start writing your code here
5     next_day=0
6     next_month=0
7     next_year=year
8     if day!=30 and (month==2 or month==4 or month==6 or month==9 or
9         month==11):-
10         next_day=day+1
11     elif day==30 and ( month==2 or month==4 or month==6 or month==9 or
12         month==11 ):-
13         next_day=1
14     next_month=month+1
15     elif day!=31 and ( month==1 or month==3 or month==5 or month==7 or
16         month==12 or month==10 or month==8):-
```

Submit

Python

Visualize

Execute

Result Pane:

1 - 7 - 2015

Programming Fundamentals using Python

Table of Contents

View Course ToC

Flat List

Programming Fundamentals using Python 71h 14m

Programming Fundamentals using Python 71h 14m

Assessment - Programming Fundamentals using Python 46m

1911

17-06-2020