**DAILY ASSESSMENT FORMAT**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date:** | **22 may 2020** | **Name:** | **Shreya poojary** |
| **Course:** | **python** | **USN:** | **4al16ec074** |
| **Topic:** | **If else or just if** | **Semester & Section:** | **8-B** |
| **Github Repository:** | **Shreya-test** |  |  |

|  |
| --- |
| **FORENOON SESSION DETAILS** |
| **Image of session**  **C:\Users\Nelson\Desktop\p1.PNG**  **C:\Users\Nelson\Desktop\p2.PNG** |
| **If Else or just if?**    If else is common in all languages so Python is the best to learn it.  What if you don't understand Python coding will you give try - if you understand else?  Orphan if command without else..  They use elif and not elseif to keep your life easy in typing,  python = 20  anaconda = 30   1. rattlesnake = 15 3. if python < anaconda: 4. print("Too many anaconda! The world is doomed!") 6. if python > rattlesnake: 7. print("Not many cats! The world is saved!") 9. if rattlesnake < rattlesnake: 10. print("The world is drooled on!")   if should come with else   1. python = 30 2. anaconda = 40 3. rattlesnake = 15 5. if anaconda > python: 6. print("We should take the anaconda.") 7. elif anaconda < python: 8. print("We should not take the python.") 9. else: 10. print("We can't decide.")   When the else would trigger, search the value for python and anaconda.  One more variation:   1. python = 20 2. anaconda = 50 3. rattlesnake = 15 5. if python < anaconda: 6. print("Too many anaconda! The world is doomed!") 7. print("Again Too many anaconda! The world is doomed!")   11. if python > rattlesnake: 12. print("Not many rattlesnake! The world is saved!") 14. if rattlesnake < anaconda: 15. print("The world is anaconda on!")   Another short cut to write if else - only in Python!   1. x = 5 2. 'Non-negative' if x >= 0 else 'Negative'   Trying to extend the if else in one line to its limit:   1. i=51 2. a = 1 if i<50 else 2 if i>50 else 0 3. a   Let us play and guess the outcome!   1. x = 6 2. y = 7 3. if x > 5: 4. x += 1 6. y = 8   Keep playing...   1. a = 5 2. b = 7 3. c = 8 4. d = 4 6. if (a < b) | (c > d): 7. print('Made it')   Or is written in two ways   1. if a < b or c > d: 2. print('Made it') |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |