

- Inlämningsuppgift #1 - Individuell
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## What is your lucky number?

Let's write a python program that ask person about his or her first name and try to guess the lucky number based on age and birthday date. let's write python code that accomplish these needs:

- 1- Input user first name into ***player\_fname***. (5 points)
- 2- Input user age into ***player\_age***. (5 points)
- 3- Input player birthday in ***player\_birthday*** as string *yyyymmdd*. (5 points)
- 4- We are in 2022, validate the ***player\_age*** is right and return with related message as:  
"Wow your age is right, let's continue!"  
Or  
"Aha, we are in 2022 and your age is not right, kindly enter it again?"  
so if it was wrong age, you should keep asking till they input the right age (25 points)
- 5- Generate a random 10 integer number between 0-200 and assign then to a list called ***player\_lucky\_list***. (10 points)
- 6- Now you should ask the player to enter an integer number into ***player\_guess*** and do the next:
  - a. Write a message:  
"Hi {***player\_fname***} this is your **try # {1}** Please enter number between [0-200] : "  
(5 point).

- b.** Validate the input as integer number not an alphabet, otherwise player should enter the ***player\_guess*** value again. print out this message:  
 “Sorry, wrong value, Enter a INTEGER NUMBER!!!!” (5 point)
- c.** If it is number, and one of the 10 numbers into the list then player wins and write out:  
 “Congratulations, your lucky number is {***player\_guess***} you got it from try # {1}”  
 and exit. (5 points)
- d.** If it is a number, and not in the list, find out number(s) that has max difference as is 10, and assign the difference into list ***input\_diff*** and write out:  
 “your number is 10 point more or less from these numbers : {***input\_diff***}, do you like to try again? (type ‘Y’ = yes, ‘N’ = no)”. (20 point)  
 ex:  

```
<message from a.>
player_lucky_list = [1,6,8,17,200,99,121,12,9,72]
Player_guess = 15
input_diff = [6,8,12,9]
< print the message out>.
```
- e.** If the player like to continue and enter **y**, then you back to # b. (5 points)
- f.** If the player would not, and chooses **n**, the you write out:  
 “Good Luck next time { ***player\_fname***}!” (10 points)

Point setting:

IG <60

G >60

VG > 85