**Python Practical 10**

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**Batch: B2**

**Roll no. 255**

**Code:**

team={} # Initializing an Empty dictionary.

for i in range(11): # The range() function returns a sequence of numbers, starting from 0 and stops before a specified number.

name=input("Enter name of the player : ") # Asking the user to enter the name of each player.

height=float(input("Enter height of the player: ")) # Asking the user to enter the height of each player.

team[name]=height # Indexing a dictionary

print(team)

max=0 # python max function returns the largest item in an iterable

for x,y in team.items(): # Looping to find the player with max height

if(y>max): # If the height of a player is max then he is the captain of the team.

max=y

capt=x

print("Name of the Captain assigned:\t", capt)

print("His height is: \t", max)

**Output:**

Enter name of the player : A

Enter height of the player: 5.5

Enter name of the player : B

Enter height of the player: 5.6

Enter name of the player : C

Enter height of the player: 5.7

Enter name of the player : D

Enter height of the player: 5.8

Enter name of the player : E

Enter height of the player: 5.9

Enter name of the player : F

Enter height of the player: 6

Enter name of the player : G

Enter height of the player: 6.1

Enter name of the player : h

Enter height of the player: 6.2

Enter name of the player : I

Enter height of the player: 6.3

Enter name of the player : J

Enter height of the player: 6.4

Enter name of the player : K

Enter height of the player: 6.5

{'A': 5.5, 'B': 5.6, 'C': 5.7, 'D': 5.8, 'E': 5.9, 'F': 6.0, 'G': 6.1, 'h': 6.2, 'I': 6.3, 'J': 6.4, 'K': 6.5}

Name of the Captain assigned: K

His height is: 6.5

PS C:\Users\Asus>