**PS10P4 – IPO**

Prompt the user to repeatedly to do the program( input (Yes or No)). If they response Yes go into the loop and prompt the user for last name and miles from downtown Chicago. Write a function to compute the train ticket price. Pass to the function the miles from downtown Chicago and determine the ticket price. Return the ticket price. Sum price of all tickets.

Miles from Down Town Chicago Ticket Price

30 or more $12

20 to 29 $10

10 to 19 $8

All others $5

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| **INPUT** | **PROCESSING** | **OUTPUT** |
|  | FunctionTicketPrice(Miles)  if Miles >= 30:  TicketPrice = 12  if Miles >= 20 and Miles < 30:  TicketPrice = 10  if Miles >= 10 and Miles < 20:  TicketPrice = 8  else:  TicketPrice = 5  Return TicketPrice |  |
| LastName  Miles |  |  |
|  | Main  SumOfAllTickets = 0  Would you like to calculate the price of a train ticket to Chicago? (Yes or No)  While Response == “Yes”:  Input LastName, Miles  TicketPrice = FunctionTicketPrice (LastName, TicketPrice)  SumOfAllTickets = SumOfAllTickets + TicketPrice  **Display:** *TicketPrice*  Would you like to calculate the price of another train ticket? (Yes or No) | TicketPrice |
|  | **Display:** *SumOfAllTickets* | SumOfAllTickets |