**SENG 101 - HOMEWORK 2**

The entrance fee in a Zoo is different on weekends and weekdays. Also, multiple ticket purchases are discounted, as in the table below. Write the C program that calculates the ticket price in accordance with the table and sample output. The program does not sell tickets for more than 100 people.

|  |  |  |
| --- | --- | --- |
| **Number Of People** | **Fee on Weekdays** | **Fee on Weekends** |
| Between 1 – 5 | 20 TL | 30 TL |
| Between 6 – 20 | (NumberOfPeople x 0.3)% discount | (NumberOfPeople x 0.2)% discount |
| More than 20 | (NumberOfPeople x 0.5)% discount | (NumberOfPeople x 0.4)% discount |

Sample Outputs:

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| --- |
| **Sample Output 1:**  **How many tickets do you want?(1-100)**  **3**  **Will you buy a ticket for the Weekend? (y,Y for YES - n,N for NO)**  **n**  **----**  **Discount : %0**  **Fee per ticket : 20.00 TL**  **Total Fee : 60.00 TL** |
| **Sample Output 2:**  **How many tickets do you want?(1-100)**  **10**  **Will you buy a ticket for the Weekend? (y,Y for YES - n,N for NO)**  **Y**  **----**  **Discount : %2**  **Fee per ticket : 29.40 TL**  **Total Fee : 294.00 TL** |
| **Sample Output 3:**  **How many tickets do you want?(1-100)**  **30**  **Will you buy a ticket for the Weekend? (y,Y for YES - n,N for NO)**  **n**  **----**  **Discount : %15**  **Fee per ticket : 17.00 TL**  **Total Fee : 510.00 TL** |
| **Sample Output 4:**  **How many tickets do you want?(1-100)**  **10**  **Will you buy a ticket for the Weekend? (y,Y for YES - n,N for NO)**  **g**  **----**  **Wrong Input!!!** |
| **Sample Output 5:**  **How many tickets do you want?(1-100)**  **-5**  **----**  **Wrong Input!!!** |
| **Sample Output 6:**  **How many tickets do you want?(1-100)**  **200**  **----**  **Wrong Input!!!** |