

Presidential Initiative for Artificial Intelligence and Computing (PIAIC)

PIAIC Batch 2 IoT (Session 12:15 - 03:15)



<https://www.piaic.org>

Internet of Things (IoT) Specialist Program

Quarter I: Rust Programming

Assignment # 6

Q. Write a Rust Program, that takes three **user input (actual price, discounted price, customer paid amount)** and define a user defined function which receive above arguments and calculate following

- (1) Discounted amount,
- (2) percent discount availed and
- (3) Balance to be returned to customer,

user defined function will return above three calculated values to main function,

(1) print all returned values and (2) write the following condition in main function

If percent discount availed $\leq 10\%$	Print "Azadi Offer"
If percent discount availed $> 10\%$ and $\leq 20\%$	Print "Eid Offer"
If percent discount availed $> 20\%$	Print "Clearance Sale"

Output be like:

```
Enter Actual Price : 2000
Enter Discounted Price : 1600
Enter Customer payment amount : 5000
```

and so on ...

Important: Use meaningful names while declaring variables and functions. Avoid 'a', 'b', 'x', 'y', etc..

Please click [here](#) to submit your assignment

(or paste this link <https://forms.gle/XD4AmcRePKCAGe9T7> in your browser)