## **ASSISSMENT 3:** MALREDDY(192372015)

1.

```
  Image: I
                                  1 def main():
2 regular_price = 185
3 discount_rate = 0.60
                                                                                                      discount_rate = 0.60
fre_loaves = int(input("Enter the number of fresh loaves purchased: "))
day_old_loaves = int(input("Enter the number of day-old loaves purchased: "))
fre_loaves_price = fre_loaves * regular_price
day_old_loaves_price = day_old_loaves * regular_price * (1 - discount_rate)
total_price = fre_loaves_price + day_old_loaves_price
print("Regular price: Rs. ",regular_price)
print("Amount of new loaves: Rs. ",fre_loaves_price)
print("Amount of day-old loaves: Rs. ",day_old_loaves_price)
print("Total amount: Rs. ",total_price)
__name__ == "__main__":
main()
                       14
15
 input
Amount of new loaves: Rs. 925
Amount of day-old loaves: Rs. 222.0
Total amount: Rs. 1147.0
```

2.

3.

```
main py

| Comparison | Compar
```

```
5.
         ▶ Run ② Debug ■ Stop ② Share ► Save {} Beautify 👤
main.py
   1 def max_profit(prices):
          if not prices:
          n = len(prices)
          max_profit = 0
          for i in range(1, n):
              if prices[i] > prices[i - 1]:
                 max_profit += prices[i] - prices[i - 1]
          return max_profit
  10 prices = [7, 1, 5, 3, 6, 4]
  11 print(max_profit(prices))
 v 🖍 🔟 🌣 😘
                                                           input
...Program finished with exit code 0
Press ENTER to exit console.
```