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CLASS / GROUP : CSE5/B

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SEMESTER : 1st

HOME TASK

EXPERIMENT – 2

Task-1:

- } Create a program *wages.py* that assumes people are paid double time for hours over 60. They get paid for at most 20 hours overtime at 1.5 times the normal rate.
- } For example, a person working 65 hours with a regular wage of \$10 per hour would work at \$10 per hour for 40 hours, at 1.5 * \$10 for 20 hours of overtime, and 2 * \$10 for 5 hours of double time, for a total of
- } $10*40 + 1.5*10*20 + 2*10*5 = \800 .
- } The number of hours should be generated randomly between 35 and 75.
- } If the number of working hours is less than 40, display message "The salary cannot be generated" with sound of system bell as a warning.

Requirements:

Laptop or pc with installed python software.

Code:

```
def calwage(a,b):
```

```
    if a<40:
```

```
        print("Error amount not genrated Please enter right amount ")
```

```
    elif a<=60:
```

```
        return ((20*b)+((a-20)*b*1.5))
```

```
    else:
```

```
        return((40*b)+(20*b*1.5)+((a-60)*b*2))
```

```
a=float(input("Enter no of hour:"))
```

```
b=float(input("Enter amount paid per hour:"))
```

```
print("Your total wage is",calwage(a,b))
```

Outcome:

```
Enter no of hour:60
Enter amount paid per hour:10
Your total wage is 800.0

...Program finished with exit code 0
Press ENTER to exit console. 
```

Prepared By: Divneet Singh Kapoor & Kiran Jot Singh

Task-2:

WAP to take word input from user and display the input in jumbled form eg.

Input – game

Output - agme

Requirements:

A laptop or pc with installed python software.

Code:

```
from random import randint

def shuffle(s):
    n = len(s)
    li = list(s)

    for i in range(0,n-1):
        pos = randint(i+1,n-1)

        li[pos],li[i] = li[i],li[pos]

    res = ""

    for i in range(n):
        res = res + li[i]

    return res

print("Enter a word: ")
s = str(input())
print(shuffle(s))
```

Outcome:

```
Enter a word:  
game  
emga  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```