In [ ]:
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# Name: Sushil Suresh Kannake
# Roll no: COBA099
# SUB: DAA
```

In [1]:
```
def fractional_knapsack():
    weights = [10, 20, 30]
    values = [60, 100, 120]
    capacity = 50
    res = 0
    # Pair : [Weight, value]
    for pair in sorted(zip(weights, values), key=lambda x: x[1] / x[0], reverse=T
        if capacity <= 0:  # Capacity completed - Bag fully filled
            break
        if pair[0] > capacity:  # Current's weight with the highest value/weight
            res += int(capacity * (pair[1] / pair[0]))  # Completely fill the bag
            capacity = 0
        elif pair[0] <= capacity:  # Take the whole object
            res += pair[1]
            capacity -= pair[0]
        print(res)

if __name__ == "__main__":
    fractional_knapsack()
```

```
60
160
240
```

In [ ]:
```
```