

```
class Item:
    def __init__(self, value, weight):
        self.value = value
        self.weight = weight

def fractionalKnapsack(W, arr):
    arr.sort(key = lambda x: (x.value / x.weight), reverse = True)
    finalvalue = 0.0

    for item in arr:
        if item.weight <= W:
            W -= item.weight
            finalvalue += item.value
        else:
            finalvalue += item.value * W / item.weight
            break
    return finalvalue

if __name__ == "__main__":
    W = 50
    arr = [Item(60, 10), Item(100, 20), Item(120, 30)]

    max_value = fractionalKnapsack(W, arr)
    print("Maximum Value is: ", max_value)
```