

Code:-

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

def fractionalKnapsack(W, arr):

    # Sorting Item on basis of ratio
    arr.sort(key=lambda x: (x.value/x.weight), reverse=True)

    # Result(value in Knapsack)
    finalvalue = 0.0

    # Looping through all Items
    for item in arr:

        # If adding Item won't overflow,
        # add it completely
        if item.weight <= W:
            W -= item.weight
            finalvalue += item.value

    # If we can't add current Item,
    # add fractional part of it
    else:
        finalvalue += item.value * W / item.weight break

    # Returning final value return finalvalue
    # Driver Code
    if name==" main":

        W = 50
        arr = [Item(60, 10), Item(100, 20), Item(120, 30)]

    # Function call
    max_val = fractionalKnapsack(W, arr)
    print(max_val)
```

## Output

Maximum value we can obtain = 24

