Code:

```java
class Knapsack {

    static int max(int a, int b) { return (a > b) ? a : b; }

    static int knapSack(int W, int wt[], int val[], int n)
    {
        if (n == 0 || W == 0)
            return 0;

        if (wt[n - 1] > W)
            return knapSack(W, wt, val, n - 1);

        else
            return max(val[n - 1]+ knapSack(W - wt[n - 1], wt,val, n - 1),knapSack(W, wt, val, n - 1));
    }

    Run | Debug
    public static void main(String args[])
    {
        int profit[] = new int[] { 60, 100, 120 };
        int weight[] = new int[] { 10, 20, 30 };
        int W = 50;
        int n = profit.length;
        System.out.println("Profit :- "+ knapSack(W, weight, profit, n));
    }
}
```

Output:

```
Profit :- 220
```