

```
package week03.day1.money;
```

```
public class Ex01 {
```

```
    public static void main(String[] args) {
```

```
        //출장비 = > 화폐단위별 화폐매수 출력
```

```
        int n = 0; // 입력받는 출장비
        int money1 =0; // 각 화폐 매수, money1 : 50000매수
        int money2 =0;
        int money3 =0;
        int money4 =0;
        int coin1=0; // 500원 갯수
        int coin2 =0;
        int coin3=0;
        int coin4=0;
```

```
        n=312510;
```

```
        money1 = n / 50000; // money1 : 50000 갯수 = n:출장값 / 50000
        money2 = (n % 50000)/ 10000; // 10000 갯수 = 출장값 /50000의 나머지를 10000으로 나눈값
        money3 = (n % 10000)/ 5000; // 5000갯수 = 출장값/10000의 나머지를 5000으로 나눈값
        money4 = (n % 5000)/ 1000; //
        coin1= (n % 1000)/ 500; // coin1 : 500원 갯수 = 출장값 /1000의 나머지를 500으로 나눈값
        coin2= (n %500)/ 100;
        coin3= (n %100)/ 50;
        coin4= (n %50)/ 10;
```

```
        /*
```

```
        money1 = n/50000;
        money2 = n - 50000 * money1)/10000;
        money3 = n - 50000 * money1 - 10000 * money2)/5000;
        money4 = n - 50000 * money1 - 10000 * money2 - 5000 * money3)/1000;
        coin1 = (n - 50000 * money1 - 10000 * money2 - 5000 * money3 - 1000 * money4)/500;
        coin2 = (n - 50000 * money1 - 10000 * money2 - 5000 * money3 - 1000 * money4 - 500 * coin1)/100;
        coin3 = (n - 50000 * money1 - 10000 * money2 - 5000 * money3 - 1000 * money4 - 500 * coin1 - 100 * coin2)/50;
        coin4 = (n - 50000 * money1 - 10000 * money2 - 5000 * money3 - 1000 * money4 - 500 * coin1 - 100 * coin2 - 50 * coin3)/10;
```

```
        */
```

```
        int balance= n; // 최초의 잔액 = 출장비
        money1 = balance/ 50000;
        balance = balance - ( 50000* money1); //balance% 50000;
        money2 = balance/ 10000;
        balance = balance - ( 10000*money2);
        money3 = balance/5000;
        balance = balance -(5000* money3);
        money4 = balance/ 1000;
        balance = balance - ( 1000* money4);
        coin1 = balance/500;
        balance = balance - ( 500 * coin1);
        coin2 = balance/100;
        balance = balance - ( 100*coin2);
        coin3 = balance/ 50 ;
        balance = balance- (50*coin3);
        coin4= balance /10;
        balance = balance - (10*coin4);
```

```
System.out.println(money1);  
System.out.println( money2);  
System.out.println( money3);  
System.out.println( money4);  
System.out.println( coin1);  
System.out.println( coin2);  
System.out.println( coin3);  
System.out.println( coin4);
```

```
}
```

```
}
```