

today's road map

- assignment 3
- card/suit/pips classes
 - book 6.13, page 218 through 223
 - hints for assignment4
- midterm

assignment 3

```
class XXX {  
    ...  
    static int[] age = new int [6];  
    ..  
    ... main(...) {  
        ...  
        avg();  
        ...  
    }  
  
    avg([nothing]) {  
        for(...) sum+=age[i]  
    }  
  
}
```

assignment 3 – general methods

```
public static double(double[] avg) {  
    return(qpa[0]+qpa[1]+qpa[2]+qpa[3]+qpa[4]+qpa[5])/6;  
}
```

```
public static double(double[] avg) {  
    double sum = 0;  
    for(int i=0; i<6; i++) sum = sum + a[i];  
    return sum/6.  
}
```

assignment 3 – input/output

```
public static int how_old(String[] name, int[] age)
{
    String person;
    System.out.println("Enter the name:");
    person = Console.in.readLine();
    ...
}
```

assignment 3 – name not found

```
for(i=0;i<name.length;i++){  
    if(target.equals(name[i])) break;  
}  
return age[i];
```

runtime error

```
for(int i=0; i<n.length; i++) {  
    if (t.equals(n[i])) return a[i];  
}  
return 0;
```

Abc is 0 years old

cards, suits, pips ... the objects

midterm statistics

	I. short ans	II. Multiple	III. T/F	IV. More short	
avg	18.5	15.0	12.2	17.2	62.8
min	11.0	3.0	7.0	8.0	36.0
max	23.0	25.0	14.0	28.0	88.5
median	19.0	14.0	12.0	18.0	61.5