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ICS 4U1
Mr. Cardoso
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Homework - Section 5.5 (#1-5)

```
1  a) public static boolean isOddNum(int n){
        if(n % 2 == 1)
            return true;
        return false;
    }
    b) public static boolean isBetween(char c){
        if('0' <= c && c <= '9')
            return true;
        return false;
    }
    c) public static boolean isNextChar(char nextChar){
        if(nextChar == '.' || nextChar == ',' || nextChar ==
            '?' || nextChar == ';' || nextChar ==
            ':' || nextChar == '!')
            return true;
        return false;
    }

2  public static boolean isDivisible(int a, int b){
        if(a % b == 0)
            return true;
        return false;
    }

3  public static boolean isLetter(char c){
        int num = c;
        if(65 <= num && num <= 90 || 97 <= num && num <= 122)
            return true;
        return false;
    }
```

```
4    public static boolean isPrime(int a){  
        for(int i = 2; i < a/2; i++){  
            if(a % i == 0)  
                return false;  
        }  
        return true;  
    }
```

```
5    public static boolean isPass(char mark){  
        mark = Character.toUpperCase(mark);  
        if(mark == 'A' || mark == 'B')  
            return true;  
        return false;  
    }
```

```
    public static boolean isPass(int mark){  
        if(mark >= 80)  
            return true;  
        return false;  
    }
```