# Java Bronze SE7/8

第4章 繰り返し文と繰り返し制御文 問題

```
public class P4_002 {↵
        public static void main(String[] args) {
             int num = 0, count;√
            while(num < 3){↓
                 num++;↓
                 //ここにコードを挿入↓
                      System.out.println("num = " + num + ":count = " + count);
                 } ↓
            } ↓
        } ↓
   14
   |/∗...|
   |num = 1 : count = 1↓
   |num = 1 : count = 2↓
   |num = 2 : count = 14
  num = 2 : count = 2↓
  |num = 3 : count = 1↓
20
21
22
23
   |num = 3 : count = 24
   A. While(++count < 3){↓
   B. While(++count < 3){↓
   C. for(count = 1;count < 3;count++){↓
   D. for(count = 0;count < 3;count++){↓
E. for(count = 1;count < 2;count++){↓
繰り返しwhile文 or for文、初期化必要→for↓
27
28
29
   出力でcountの内容が1,2の繰り返し→D→
```

```
public class P4_003 {
    public static void main(String[] args) {

2345678901
                   int x = 0;
int y = 10;

 12
13
14
15
16
                   do{√
                         ++×; 🚚
                  ]while(x < 5);^//do{}が実行されてから比較√
System.out.print(x + ″,″ + y);↓
            ] 🚚
 19
```

```
public class P4_004 [↓
public static void main(String[] args) [↓
             int x = 4; \downarrow
            do{↵
                 ++x :4
               System.<mark>out</mark>.print(x + " ");↓
           _}while( × == 5 );↓
            System.out.println();↓
11 //4-3と同じ whileで□==□がつかえるかどうか
```

```
public class P4_005 {-

public static void main(String[] args) [|-

note of public static void main(String[] args) [|-

note of public class P4_005 {-

public static void main(String[] args) [|-

public class P4_005 {-

public static void main(String[] args) [|-

public static void main(Str
                                                                                                                                                      System.out.println();↓
```

```
public class P4 006 {↓
   public static void main(String[] args) {
       int num = 1;4
      - for (num = 0; num く 3; ++num){^^ //三回num く 3の判定してる、0,1,3↓
         _num *= 2;4
       System.out.println("num = " + (num++)); 4
```

問題4-10,問題4-11

• 省略

```
public class P4_014 {↵
    public static void main(String[] args) {
   char arry[] = { a , 'A', 'B', T' };
   for (char c : arry){
      switch(c){}
      case 'A':}
                    System.out.print("A"); ^^ //二回目に実行↓
               ^ break;↓
case a :↓
                    System.out.print("a"); ^^ //一回目に実行↓
                    break;↓
               case 'x':4
                    System.out.print("x ");
               ^ break;↓
case 'T':↓
                    System.out.print("T");^^ //三回目に実行↓
                    break;.
          System.out.println();↓
     } 

|}↓
```

```
public class P4_015 {→
    public static void main(String[] args) {→
        String str = "abcde";→
        for(int i = 2; i < 4; i++){^^ //=
        char c = str.charAt(i); ^ //ch
                                                                   //二回ループ、2,3↓
//charAt()、文字列から指定した箇所にある文字をchar型で取り出す↓
//謎↓
                         switch(c){↓
                               case 'a'. ↵
                              System.out.print("a");↓
break;↓
case b:↓
                              System.out.print("b");
break;
case c:-
                              System.out.print("c"); ^ ^ break; d case 'd': d
                                                                               //一回目に実行↓
                              System.out.print("d");^ ^
break;
case e:-
                                                                               //二回目に実行↵
                                     System.out.print("e");↓
break;↓
```

```
public class P4_016 {↓
   public static void main(String[] args) {
  int i = 23; int j = 5; 
  Loop:for(; j < i; i++){
}</pre>
         }while(i < 30);↓
```