

นางสาวกนกวรรณ ฝิปากเพระ

1. // :: โปรแกรมลำดับที่ 1

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2. class J0100 {
3.     public static void main(String args[]) {
4.         System.out.println(args.length);
5.         System.out.println(args[0]); // abc
6.     }
7.     // :::: โปรแกรมลำดับที่ 2
8.     class J0101 {
9.         public static void main(String args[]) {
10.            boolean b = true;
11.            System.out.println("boolean = "+b);
12.            char y;
13.            y = 'a';
14.            System.out.println("character = "+y);
15.            byte c;
16.            c = 127;
17.            System.out.println("byte = "+c);
18.            short a;
19.            a = 32767;
20.            System.out.println("Short = "+a);
21.            int x;
22.            x = 2147483647;
23.            System.out.println("Integer = "+x);
24.            long b;
25.            b = 9223372036854775807L;
26.            System.out.println("long = "+b);
27.        }
28.    } // :::: โปรแกรมลำดับที่ 3
29.    class J0102 {
30.        public static void main(String args[]) {
31.            float d;
32.            d = 3400000000000000000000000000000000000000000000000f;
33.            System.out.println("float = "+d);
34.            double e;
35.            e = 1790000000000000000000000000000000000000000000000d;
36.            System.out.println("double = "+e);
37.            String z ="ThaiAll";
38.            System.out.println("string = "+z);
39.            System.out.println(z.substring(0,4)); // Thai
40.            System.out.println(z.substring(2,5)); // aiA
41.            System.out.println(z.substring(4)); // All
42.            System.out.println(z.toUpperCase()); // THAIALL
43.            System.out.println(z.toLowerCase()); // thailand
44.            char ar[] = new char[128];
45.            ar = z.toCharArray();
46.            System.out.println((char)ar[0]); // T
47.            System.out.println(ar[0]); // T
48.            System.out.println(ar[2] + ar[4]); // 162 (97 + 65)
49.            z = "1234.1";
50.            int m = Integer.parseInt(z.substring(0,3)) + 5; // 123 + 5
51.            double n = Double.parseDouble(z) + 0.2; // 1234.3
52.            System.out.println(m + n); // 128 + 1234.3 = 1362.3
53.            System.out.println(Integer.toString(m) + 5); // 1285
54.        }
55.    } // :::: โปรแกรมลำดับที่ 4
56.    class J0201 {
57.        public static void main(String args[]) {
58.            int x;
59.            x = 6;
60.            if (x > 5) System.out.println("more than 5:" + x);
61.            if (x > 5 && x < 10) System.out.println("five to ten");
62.            if (x > 5 || x < 10) System.out.println("all numbers");
63.            if (x > 10) {
64.                System.out.print("more than 10.");
65.                System.out.println(x);
66.            }
67.        } // :::: โปรแกรมลำดับที่ 5
68.        import java.lang.*;
69.        class J0202 {
70.            public static void main(String args[]) {
71.                int x;
72.                x = 6;
73.                if (x > 5) System.out.println("more than 5");

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74. else System.out.println("less than or equal 5");
75. if (x > 10) System.out.println("more than 10");
76. else { System.out.println("less than or equal 10"); }
77. Comparable a[] = new Comparable[5];
78. a[0] = new Integer(3);
79. a[1] = new Integer(10);
80. a[2] = "abc";
81. System.out.println(a[0] + " " + a[1] + " " + a[2]);
82. if (a[2].equals("abc")) { System.out.println("equal"); }
83. if (a[0].compareTo(a[1]) < 0) System.out.print(a[0]); // 3
84. if (a[1].compareTo(a[0]) > 0) System.out.print(a[0]+" "+a[1]); // 310
85. if (a[0].compareTo(a[0]) == 0) System.out.print("equal"); // equal
86. System.out.print(a[0].compareTo(a[1])); // -1
87. }}
88. // :::: โปรแกรมลำดับที่ 6
89. import java.util.Date;
90. class J0203 {
91. public static void main(String args[]) {
92. byte a = (byte) (new Date().getTime() % 5);
93. switch (a) {
94. case 1:
95. System.out.println("one"); break;
96. case 2:
97. System.out.println("two"); break;
98. default:
99. System.out.println("not found" + a);
100. break;
101. }}}
102. // :::: โปรแกรมลำดับที่ 7
103. class J0204 {
104. public static void main(String args[]) {
105. System.out.println("ASCII character :: ");
106. for (int i=0; i<256; i++) {
107. System.out.print((char)i + " "); }
108. String s = "thaiall";
109. System.out.println(s + s.length());
110. }}
111. // :::: โปรแกรมลำดับที่ 8
112. class J0205 {
113. public static void main(String args[]) {
114. System.out.println("print 1 to 10 :: ");
115. int i;
116. i = -5;
117. while (i <= 5) {
118. try {
119. i++;
120. System.out.println((double)5/i); //Infinity
121. System.out.println(5/i); //catch ok
122. }
123. catch (ArithmeticException e) {
124. System.out.println("may divide by zero");
125. }
126. int k = 0;
127. i = 0;
128. while (i < 5) {
129. System.out.print(++k);
130. k = k + (i++);
131. System.out.print(k--);
132. } }}
133. // :::: โปรแกรมลำดับที่ 9
134. class J0206 {
135. public static void main(String args[]) {
136. System.out.println("print 1 to 10 :: ");
137. int i;
138. i = 1;
139. try {
140. do {
141. System.out.println(i);
142. i++;
143. } while (i <= 10);
144. }
145. catch (ArrayIndexOutOfBoundsException e) {
146. System.out.println("over index of array");
147. }}}
148. // :::: โปรแกรมลำดับที่ 10
149. import java.io.*;
150. class J0301 {

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151. public static void main(String args[]) throws IOException {
152. char buf;
153. buf = (char)System.in.read();
154. System.out.println("Output is "+buf);
155. }
156. // :: โปรแกรมลำดับที่ 11
157. import java.io.*;
158. class J0302 {
159. public static void main(String args[]) throws IOException {
160. char buf1,buf2;
161. buf1 = (char)System.in.read();
162. buf2 = (char)System.in.read();
163. System.out.println("Output is "+buf1+buf2);
164. }
165. // :: โปรแกรมลำดับที่ 12
166. import java.io.*;
167. class J0303 {
168. public static void main(String args[]) throws IOException {
169. System.out.println("Get until receive 0 [hidden is 13, 10]");
170. char buf;
171. do {
172. buf = (char)System.in.read();
173. System.out.println("Output is "+buf);
174. } while (buf != '0');
175. }
176. // :: โปรแกรมลำดับที่ 13
177. import java.io.*;
178. class J0304 {
179. public static void main(String args[]) throws IOException {
180. BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
181. String buf;
182. int i1,i2,i3;
183. buf = stdin.readLine();
184. i1 = Integer.parseInt(buf);
185. buf = stdin.readLine();
186. i2 = Integer.parseInt(buf);
187. i3 = i1 + i2;
188. System.out.println("Output is "+i1+" + "+i2+" = "+i3);
189. }
190. // :: โปรแกรมลำดับที่ 14
191. import java.io.*;
192. class J0305 {
193. public static void main(String args[]) throws IOException {
194. BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
195. String buf;
196. int i;
197. System.out.println("Get until receive 0");
198. do {
199. buf = stdin.readLine();
200. i = Integer.parseInt(buf);
201. System.out.println("Output is "+i);
202. } while (i != 0);
203. }
204. // :: โปรแกรมลำดับที่ 15
205. class J0401 {
206. public static void main(String args[]) {
207. sub1(); sub2(); sub1();
208. }
209. static void sub1() {
210. System.out.print("x");
211. }
212. static void sub2() { System.out.print("y"); }
213. }
214. // :: โปรแกรมลำดับที่ 16
215. class J0402 {
216. public static void main(String args[]) {
217. int s = 0;
218. s = sub(2,8,s);
219. s = sub(7,3,s);
220. s = sub(4,6,s);
221. System.out.println("Sum = "+s);
222. }
223. public static int sub(int x, int y, int z) {
224. int a = y + x + z;
225. return (a + y + x + z);
226. }
227. // :: โปรแกรมลำดับที่ 17

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228. class J0403 {
229. public static void main(String args[]) {
230. int j = 3;
231. System.out.println(doubleofnumber(j));
232. }
233. static int doubleofnumber(int i) {
234. i = i * 2;
235. return (i);
236. }}
237. // :::: โปรแกรมลำดับที่ 18
238. class sub01 {
239. void subx() {
240. System.out.println("subx in sub01");
241. }}
242. class sub02 {
243. void subx() {
244. System.out.println("subx in sub02");
245. }}
246. class J0404 extends sub02 {
247. j0404() {
248. super.subx(); // subx in sub02
249. this.subx(); // subx in main
250. }
251. public static void main(String args[]) {
252. sub01 x = new sub01();
253. System.out.println("main"); // main
254. x.subx(); // subx in sub01
255. j0404 y = new j0404();
256. }
257. void subx() {
258. System.out.println("subx in main");
259. }}
260. // :::: โปรแกรมลำดับที่ 19
261. class J0501 {
262. public static void main(String args[]) {
263. int x[] = {4,18,12};
264. System.out.println("Amount of array = " + x.length);
265. for (int i = 0; i < x.length; i++) {
266. System.out.println("element "+i+" = "+x[i]);
267. }}}
268. // :::: โปรแกรมลำดับที่ 20
269. class J0502 {
270. public static void main(String args[]) {
271. String a[][] = new String[2][3];
272. a[0][0] = "101";
273. a[0][1] = "102";
274. a[0][2] = "103";
275. int i = 0;
276. a[1][i++] = "tom"; // 1,0
277. a[1][i++] = "dang"; // 1,1
278. a[1][i++] = "boy"; // 1,2
279. for (i = 0; i < a[0].length; i++) {
280. System.out.println("element of 0,"+i+" = "+a[0][i]);
281. }
282. for (i = 0; i < a[1].length; i++) {
283. System.out.println("element of 1,"+i+" = "+a[1][i]);
284. }}}
285. // :::: โปรแกรมลำดับที่ 21
286. import java.io.*;
287. class J0601 {
288. public static void main (String args[]) throws IOException {
289. File f = new File("j0601.java");
290. System.out.println("getName: "+f.getName());
291. System.out.println("getPath: "+f.getPath());
292. System.out.println("getAbsolutePath: "+f.getAbsolutePath());
293. System.out.println("exists: "+f.exists());
294. System.out.println("isFile: "+f.isFile());
295. System.out.println("isDirectory: "+f.isDirectory());
296. System.out.println("canWrite: "+f.canWrite());
297. System.out.println("canRead: "+f.canRead());
298. System.out.println("length: "+f.length());
299. File file = new File("hello.txt");
300. boolean success = file.createNewFile();
301. File file2 = new File("hello.java");
302. success = file.renameTo(file2);
303. File b = new File("c:/");
304. success = file2.renameTo(new File(b, file2.getName()));

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305. success = (new File("hello.java")).delete();
306. System.out.println(success); // false
307. }}
308. // :: โปรแกรมลำดับที่ 22
309. import java.io.*;
310. class J0602 {
311. public static void main (String args[]) {
312. File d = new File(args[0]);
313. String n[] = d.list();
314. for (int i = 0; i<n.length; i++) {
315. File f = new File(args[0] + '/' + n[i]);
316. System.out.println(i+" : "+n[i]+" Size="+f.length());
317. }
318. System.out.println("directory: "+d.getPath());
319. }}
320. // :: โปรแกรมลำดับที่ 23
321. import java.io.*;
322. class J0603 {
323. public static void main (String args[]) throws IOException {
324. int n = 0;
325. byte b[] = new byte[128];
326. FileInputStream fin = new FileInputStream("j0603.java");
327. while ((n = fin.read(b)) != -1) {
328. for(int i=0;i<n;i++) System.out.print((char)b[i]);
329. }
330. System.out.println(n = fin.read(b)); // -1
331. fin.close();
332. }}
333. // :: โปรแกรมลำดับที่ 24
334. import java.io.*;
335. class J0604 {
336. public static void main (String args[]) throws IOException {
337. FileOutputStream fout = new FileOutputStream("tmp.txt");
338. for(int i=0;i<256;i++) {
339. fout.write(i);
340. }
341. fout.close();
342. }}
343. // :: โปรแกรมลำดับที่ 25
344. import java.io.*;
345. class J0605 {
346. public static void main (String args[]) throws IOException {
347. FileOutputStream fout = new FileOutputStream("tmp.txt");
348. for(int i=1;i<=10;i++) {
349. fout.write(i+47);
350. fout.write(13);
351. fout.write(10);
352. }
353. fout.close();
354. }}
355. // :: โปรแกรมลำดับที่ 26
356. import java.io.*;
357. class J0606 {
358. public static void main (String args[]) throws IOException {
359. int i = 0, n = 0;
360. char b[] = new char[1];
361. FileReader fin = new FileReader("tmp.txt");
362. while ((n = fin.read(b)) != -1) {
363. System.out.println(i+" : "+b[0]);
364. i = i + 1;
365. }
366. fin.close();
367. }}
368. // :: โปรแกรมลำดับที่ 27
369. import java.io.*;
370. class J0607 {
371. public static void main (String args[]) throws IOException {
372. int i = 1, n = 0;
373. char b[] = new char[16];
374. FileReader fin = new FileReader("tmp.txt");
375. while ((n = fin.read(b)) != -1) {
376. System.out.print((i-1)*16 + " - " + (i*16-1) + " : ");
377. System.out.print(b[0]+b[1]+b[2]+b[3]+b[4]+b[5]+b[6]+b[7]+b[8]);
378. System.out.println(b[9]+b[10]+b[11]+b[12]+b[13]+b[14]+b[15]);
379. i = i + 1;
380. }
381. fin.close();

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382. }}
383. // :::: โปรแกรมลำดับที่ 28
384. import java.io.*;
385. class J0608 {
386. public static void main (String args[]) throws IOException {
387. int i = 1;
388. String b;
389. FileReader fin = new FileReader("data.txt");
390. BufferedReader bin = new BufferedReader (fin);
391. while ((b = bin.readLine()) != null) {
392. System.out.println(i + " : " +b);
393. i = i + 1;
394. }
395. System.out.println(b = bin.readLine()); // null
396. fin.close();
397. }}
398. // :::: โปรแกรมลำดับที่ 29
399. import java.io.*;
400. class J0701 {
401. public static void main (String args[]) throws IOException {
402. int i = 1;
403. int tot = 0;
404. String b;
405. String[] fields;
406. String patternStr = ",";
407. FileReader fin = new FileReader("data.txt");
408. BufferedReader bin = new BufferedReader (fin);
409. while ((b = bin.readLine()) != null) {
410. fields = b.split(patternStr);
411. System.out.println(i + " : " + fields[0]);
412. System.out.println("Name : " + fields[1]);
413. System.out.println("Salary : " + fields[2]);
414. System.out.println("Status : " + fields[3]);
415. tot = tot + Integer.parseInt(fields[2]);
416. i = i + 1;
417. }
418. System.out.println("Total : " + tot);
419. fin.close();
420. }}
421. // :::: โปรแกรมลำดับที่ 30
422. import java.io.*;
423. import java.lang.*;
424. class J0702 {
425. public static void main (String args[]) throws IOException {
426. int i = 1;
427. String b;
428. String[] fields;
429. String patternStr = ",";
430. FileReader fin = new FileReader("data.txt");
431. BufferedReader bin = new BufferedReader (fin);
432. FileOutputStream fout = new FileOutputStream("data.htm");
433. BufferedOutputStream bout = new BufferedOutputStream(fout);
434. PrintStream pout = new PrintStream(bout);
435. pout.println("<body bgcolor=yellow><table border=1 width=100%>");
436. while ((b = bin.readLine()) != null) {
437. fields = b.split(patternStr);
438. pout.println("<tr>");
439. pout.println("<td>"+i+"</td>");
440. pout.println("<td>"+ID = " + fields[0]+"</td>");
441. pout.println("<td>"+Name = " + fields[1]+"</td>");
442. pout.println("<td>"+Salary = " + fields[2]+"</td>");
443. pout.println("<td>"+Status = " + fields[3]+"</td>");
444. pout.println("</tr>");
445. i = i + 1;
446. }
447. pout.println("</table></body>");
448. fin.close();
449. pout.close();
450. }}
451. // :::: โปรแกรมลำดับที่ 31
452. import java.io.*;
453. class J0703 {
454. public static void main (String args[]) throws IOException {
455. int i = 0,d;
456. String b;
457. String[] fields;
458. String[] recs = {"", "", ""};

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459. String patternStr = ",";
460. FileReader fin = new FileReader("data.txt");
461. BufferedReader bin = new BufferedReader (fin);
462. //
463. while ((b = bin.readLine()) != null) {
464. recs[i] = b;
465. i = i + 1;
466. }
467. fin.close();
468. FileOutputStream fout = new FileOutputStream("data.htm");
469. BufferedOutputStream bout = new BufferedOutputStream(fout);
470. PrintStream pout = new PrintStream(bout);
471. for(int j=0;j<i;j++) {
472. fields = recs[j].split(patternStr);
473. pout.print(fields[0]+","+fields[1]+",");
474. d = Integer.valueOf(fields[2]).intValue() + 100;
475. pout.print(d);
476. pout.println(","+fields[3]);
477. }
478. pout.close();
479. }}
480. // :::: โปรแกรมลำดับที่ 32
481. import java.io.*;
482. class J0801 {
483. public static void main (String args[]) throws IOException {
484. int found=0;
485. char buf;
486. String b,g = "";
487. String[] fields;
488. String patternStr = ",";
489. System.out.println("Wait id and end character with [x]");
490. buf = (char)System.in.read();
491. while (buf != 'x') {
492. g = g + buf;
493. buf = (char)System.in.read();
494. }
495. FileReader fin = new FileReader("data.txt");
496. BufferedReader bin = new BufferedReader (fin);
497. while ((b = bin.readLine()) != null) {
498. fields = b.split(patternStr);
499. if (fields[0].equals(g)) {
500. System.out.println(fields[1]);
501. found = 1;
502. }}
503. if (found == 0) System.out.println("Not found");
504. fin.close();
505. }
506. }
507. // :::: โปรแกรมลำดับที่ 33
508. import java.io.*;
509. class J0802 {
510. public static void main (String args[]) throws IOException {
511. int found=0;
512. String b,g = "";
513. String[] fields;
514. System.out.println("Wait string and enter");
515. BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
516. g = stdin.readLine();
517. String patternStr = g;
518. FileReader fin = new FileReader("data.txt");
519. BufferedReader bin = new BufferedReader (fin);
520. while ((b = bin.readLine()) != null) {
521. fields = b.split(patternStr);
522. if (fields.length > 1) {
523. fields = b.split(",");
524. System.out.println(fields[0] + fields[1] + fields[2] + fields[3]);
525. found = 1;
526. }}
527. if (found == 0) System.out.println("Not found");
528. fin.close();
529. }}
530. // :::: โปรแกรมลำดับที่ 34
531. import java.io.*;
532. class J0901 {
533. public static void main (String args[]) throws IOException {
534. int i = 0,t1,t2;
535. String b,status;

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536. String fields[];
537. String[] recs1 = new String[10];
538. String[] recs2 = {"A,Active","R,Retire"};
539. String patternStr = ",";
540.
541. FileReader fin = new FileReader("data.txt");
542. BufferedReader bin = new BufferedReader (fin);
543. while ((b = bin.readLine()) != null) {
544. recs1[i] = b;
545. i = i + 1;
546. }
547. fin.close();
548. t1 = i;
549. t2 = recs2.length;
550. for(int j=0;j<t1;j++) {
551. fields = recs1[j].split(patternStr);
552. System.out.print(fields[0] + fields[1] + fields[2]+fields[3]);
553. status = fields[3];
554. for(int k=0;k<t2;k++) {
555. fields = recs2[k].split(patternStr);
556. if (fields[0].equals(status)) {
557. System.out.println(fields[1]);
558. }}}}
559. // :::: โปรแกรมลำดับที่ 35
560. import java.io.*;
561. class J0902 {
562. public static void main (String args[]) throws IOException {
563. int i = 0,t1,t2;
564. String b,status;
565. String[] fields;
566. String[] recs1 = {"", "", "", "", ""};
567. String[] recs2 = new String[2];
568. FileReader fin = new FileReader("data.txt");
569. BufferedReader bin = new BufferedReader (fin);
570. while ((b = bin.readLine()) != null) {
571. recs1[i] = b;
572. i = i + 1;
573. }
574. fin.close();
575. t1 = i;
576. i = 0;
577. FileReader fin2 = new FileReader("datas.txt");
578. BufferedReader bin2 = new BufferedReader (fin2);
579. while ((b = bin2.readLine()) != null) {
580. recs2[i] = b;
581. i = i + 1;
582. }
583. fin2.close();
584. t2 = i;
585. for(int j=0;j<t1;j++) {
586. fields = recs1[j].split(",");
587. System.out.print(fields[0] + fields[1] + fields[2]+fields[3]);
588. status = fields[3];
589. for(int k=0;k<t2;k++) {
590. fields = recs2[k].split(",");
591. if (fields[0].equals(status)) {
592. System.out.println(fields[1]);
593. }}}}
594. // :::: โปรแกรมลำดับที่ 36
595. class J1001 {
596. public static void main (String args[]) {
597. int tmp,x[] = {5,6,1,2,9,12,9,3};
598. for(int i=1;i<x.length;i++) {
599. for(int j=x.length-1;j>=i;j--) {
600. if(x[j-1] > x[j]) {
601. tmp = x[j];
602. x[j] = x[j-1];
603. x[j-1] = tmp;
604. }}}}
605. for(int i=0;i<x.length;i++) {
606. System.out.println(x[i]);
607. }}}}
608. // :::: โปรแกรมลำดับที่ 37
609. import java.lang.*;
610. class J1002 {
611. public static void main (String args[]) {
612. String tmp,x[] = {"ac","abc","adb","a","aa","acd","a a","a d"};

```



```

613. System.out.println("Before sorting");
614. prtlist(x);
615. for(int i=1;i<x.length;i++) {
616. for(int j=x.length-1;j>=i;j--) {
617. if(x[j-1].compareTo(x[j])>0) {
618. tmp = x[j];
619. x[j] = x[j-1];
620. x[j-1] = tmp;
621. }}}
622. System.out.println("After sorting");
623. prtlist(x);
624. }
625. public static void prtlist(String[] x) {
626. for(int i=0;i<x.length;i++) {
627. System.out.println(x[i]);
628. }}}
629. // :::: โปรแกรมลำดับที่ 38
630. import java.applet.*;
631. import java.awt.*;
632. public class J1101 extends java.applet.Applet {
633. public void paint(Graphics g) {
634. g.setColor(new Color(240,240,240));
635. g.drawString("test",10,20);
636. }}
637. // :::: โปรแกรมลำดับที่ 39
638. import java.applet.*;
639. import java.awt.*;
640. public class J1102 extends Applet {
641. int i,j;
642. String istr,p;
643. public void init() {
644. setBackground(Color.yellow);
645. p = getParameter("x");
646. }
647. public void paint(Graphics g) {
648. g.setColor(Color.black);
649. g.drawString(p,0,10);
650. i = 1;
651. while (i <= 10) {
652. j = 10 * i;
653. istr= Integer.toString(i);
654. g.drawString(istr,72,j); // column = 1 inch
655. i++;
656. }}}
657. // :::: โปรแกรมลำดับที่ 40
658. import java.applet.*;
659. import java.awt.*;
660. public class J1103 extends Applet implements Runnable{
661. Thread timer;
662. int row = 10;
663. public void paint(Graphics g) {
664. row = row + 2;
665. g.drawLine(5,row,30,row);
666. }
667. public void start() {
668. timer = new Thread(this);
669. timer.start(); // start clock
670. }
671. public void run() {
672. Thread me = Thread.currentThread();
673. while (timer == me) {
674. try {
675. // try required for sleep (1000 = 1 Second)
676. Thread.currentThread().sleep(1000);
677. } catch (InterruptedException e) { }
678. repaint();
679. }}}
680. // :::: โปรแกรมลำดับที่ 41
681. import java.applet.*;
682. import java.awt.*;
683. public class J1104 extends Applet {
684. Image img;
685. public void init() {
686. setBackground(Color.green);
687. img = getImage(getDocumentBase(),"x.gif");
688. }
689. public void paint(Graphics g) {

```

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690. g.setColor(Color.black);
691. g.drawLine(5,10,30,40);
692. g.drawRect(50,50,80,80);
693. g.drawOval(50,50,20,30);
694. g.setColor(Color.white);
695. g.fillOval(50,50,20,30); // background is white
696. g.setColor(Color.red);
697. g.drawArc(40,30,55,55,0,120);
698. int[] x={0,80,100,5,10};
699. int[] y={0,50,80,80,30};
700. g.drawPolygon(x,y,5);
701. g.drawImage(img, 0, 200, this);
702. }}
703. // :::: โปรแกรมลำดับที่ 42
704. import java.applet.*;
705. import java.awt.*;
706. import java.awt.event.*;
707. public class J1105 extends Applet implements ActionListener {
708. Button b1 = new Button("1");
709. Label l1 = new Label("Hello");
710. TextField t1 = new TextField("1");
711. int row = 10;
712. public void paint(Graphics g) {
713. row = row + 10;
714. g.drawLine(5,row,30,row);
715. }
716. public void init() {
717. setBackground(Color.red);
718. add(l1);
719. add(b1);
720. add(t1);
721. t1.addActionListener(this);
722. b1.addActionListener(this);
723. }
724. public void actionPerformed(ActionEvent e) {
725. int intb1 = Integer.parseInt(e.getActionCommand());
726. intb1 = intb1 + 1;
727. String s = Integer.toString(intb1);
728. l1.setText(s);
729. b1.setLabel(s);
730. t1.setText(s);
731. repaint();
732. }}
733. // :::: โปรแกรมลำดับที่ 43
734. import java.io.*;
735. class J1201 {
736. public static void main(String args[]) throws IOException {
737. int buf=49;
738. while (buf != 51) {
739. if (buf >= 49 && buf <= 51) {
740. System.out.println("What is your option?");
741. System.out.println("1. print 1 to 10");
742. System.out.println("2. print 'ok'");
743. System.out.println("3. exit");
744. }
745. // buf = (char)System.in.read(); (it have 13 and 10 on enter)
746. buf = System.in.read();
747. switch (buf) {
748. case 49: // character 1
749. for (int i=1;i<=10;i++) {
750. System.out.println(i);
751. }
752. break;
753. case 50: // character 2
754. System.out.println("ok");
755. break;
756. case 51: break; // character 3
757. case 13: break;
758. case 10: break;
759. default:
760. System.out.println("Nothing to do");
761. break;
762. }}
763. System.out.println("See you again");
764. }}
765. // :::: โปรแกรมลำดับที่ 44
766. import java.io.*;

```

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767. class J1202 {
768. public static void main(String args[]) throws IOException {
769.   BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
770.   String buf=" ";
771.   while (!buf.equals("3")) {
772.     System.out.println("What is your option?");
773.     System.out.println("1. print 1 to 10");
774.     System.out.println("2. print 'ok'");
775.     System.out.println("3. exit");
776.     buf = stdin.readLine();
777.     if (buf.equals("1"))
778.       for (int i=1;i<=10;i++) System.out.println(i);
779.     if (buf.equals("2")) System.out.println("ok");
780.   }
781.   System.out.println("See you again");
782. }}
783. // :::: โปรแกรมลำดับที่ 45
784. import java.io.*;
785. class J1203 {
786. public static void main(String args[]) throws IOException {
787.   BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
788.   String buf=" ";
789.   while (!buf.equals("3")) {
790.     System.out.println("What is your option?");
791.     System.out.println("1. print 1 to 10");
792.     System.out.println("2. print 'ok'");
793.     System.out.println("3. exit");
794.     buf = stdin.readLine();
795.     if (buf.equals("1")) oho1();
796.     if (buf.equals("2")) { oho2(); }
797.   }
798.   System.out.println("See you again");
799. }
800. public static void oho1() {
801.   for (int i=1;i<=10;i++) {
802.     System.out.println(i);
803.   }
804. public static void oho2() {
805.   System.out.println("ok");
806. }
807. import java.io.*;
808. class Pollweb {
809. public static void main (String args[]) throws IOException {
810.   int i=0;
811.   int questionhave = 14;
812.   int q[] = new int[questionhave];
813.   String b;
814.   String[] fields;
815.   String patternStr = ",";
816.   FileReader fin = new FileReader("pollweb.txt");
817.   BufferedReader bin = new BufferedReader (fin);
818.   while ((b = bin.readLine()) != null) {
819.     fields = b.split(patternStr);
820.     for (int j=1;j<=questionhave-1;j++)
821.       q[j]+= Integer.parseInt(fields[j]);
822.     i = i + 1;
823.   }
824.   System.out.println("Total questions: " + i);
825.   for (int j=1;j<=questionhave-1;j++)
826.     System.out.println(j+": "+q[j]+" | "+(q[j] * 100 / i)+"%");
827.   fin.close();
828. }
829. class Hello1 {
830. public static void main(String args[]) {
831.   System.out.println("hello");
832. }
833. import java.lang.*;
834. import java.applet.*;
835. import java.awt.Graphics;
836. public class Hello2 extends java.applet.Applet {
837. public void paint(Graphics g){
838.   g.drawString("hello",10,10);
839. }
840. class Pyramid01 {
841. public static void main(String args[]) {
842.   int k = 4;
843.   for (int i=1;i<=k;i++) {

```

```

844. for (int j=2;j<=i;j++) { System.out.print(" "); }
845. System.out.print(i+" "+i);
846. for (int j=k;j>=(i+1);j--) { System.out.print("***"); }
847. System.out.println(i+" "+i);
848. } } }
849. class Pyramid02 {
850. public static void main(String args[]) {
851. int k = 4;
852. for (int i=1;i<=k;i++) {
853. for (int j=i;j<=(i+2);j++) { System.out.print(j); }
854. for (int j=1;j<=(2+i);j++) { System.out.print("***"); }
855. System.out.println();
856. } } }
857. class Pyramid03 {
858. public static void main(String args[]) {
859. int k = 4;
860. for (int i=1;i<=k;i++) {
861. System.out.print(i+" "+(i+4));
862. for (int j=1;j<=(4+i);j++) {
863. System.out.print("***");
864. }
865. System.out.println();
866. } } }
867. class Pyramid04 {
868. public static void main(String args[]) {
869. int k = 4;
870. for (int i=1;i<=k;i++) {
871. for (int j=1;j<=i;j++) { System.out.print("***"); }
872. for (int j=i;j>=2;j--) { System.out.print(j); }
873. for (int j=1;j<=i;j++) { System.out.print(j); }
874. System.out.println();
875. } } }

```