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Want compliments on your writing?

Online Java Compiler IDE

For Multiple Files, Custom Library and File Read/Write, use our new - [Advanced Java IDE](#)

```
1 public class Fibonacci
2 {
3     public static void main(String[] args) {
4         int n1=0,n2=1,n3,i,count=10;
5         System.out.println(n1+" "+n2);
6
7         for(i=2;i<count;++i)
8         {
9             n3=n1+n2;
10            System.out.println(" "+n3);
11            n1=n2;
12            n2=n3;
13        }
14    }
15 }
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4

☐ Interactive

Stdin Inputs

CommandLine Arguments

Execute

Execute


Result

CPU Time: 0.16 sec(s), Memory: 36240 kilobyte(s)

compiled and executed in 0.872 sec(s)

```
0 1
1
2
3
5
8
13
21
34
```

Note:

1. For file operations - upload files using upload button . Files will be upload to /uploads folder. You can read those files in program from /uploads folder. To write a file from your program, write files to '/myfiles' folder. Please note the uploaded files stored in the server only for the current session.
2. For detailed documentation check - [Our Documentation](#), or check our [Youtube channel](#).



Thanks for using our
Online Java Compiler IDE
to execute your program

Online Java Compiler - Online Java Compiler x Pravi2000/MY-ASSESSMENTS x Thank You for Downloading Eclipse x WhatsApp x

jdoodle.com/online-java-compiler/#

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```
1 import java.util.Scanner;
2 public class MyClass {
3     public static void main(String args[])
4     {
5         Scanner in = new Scanner(System.in);
6         System.out.print("Enter your income this month: ");
7         int x=in.nextInt();
8         System.out.println(x);
9         double a=0.55;
10        a=a*x;
11        double b=0.1;
12        b=b*x;
13        double c=0.1;
14        c=c*x;
15        double d=0.1;
16        d=d*x;
17        double e=0.1;
18        e=e*x;
19        double f=0.05;
20        f=f*x;
21        System.out.println("NEC: "+(int)a);
22        System.out.println("FFA: "+(int)b);
23        System.out.println("EDU: "+(int)c);
24        System.out.println("LTSS: "+(int)d);
25        System.out.println("PLAY: "+(int)e);
26        System.out.println("GIVE: "+(int)f);
27    }
28 }
29
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4 Interactive Stdin Inputs

CommandLine Arguments

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Type here to search

19:32 11-10-2021

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Type here to search

19:33 11-10-2021

Windows taskbar showing search bar, taskbar icons (Edge, File Explorer, Mail, etc.), and system tray (clock, date, network, volume).

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Windows taskbar: Type here to search, Task View, Edge, File Explorer, Mail, PowerPoint, OneDrive, Settings, System tray (Network, Volume, ENG, 19:45, 11-10-2021, 3 notifications).

Online Java Compiler IDE

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```
1 public class Main {
2
3     public static void main(String[] args)
4     {
5         Point A = new Point(10, 20);
6         Point B = new Point(10, 60);
7         Point C = new Point(80, 20);
8         System.out.println(Triangle.area(A, B, C));
9     }
10 }
11 class Point {
12     int x;
13     int y;
14     public Point(int x, int y) {
15         this.x = x;
16         this.y = y;
17     }
18 }
19 class Triangle {
20     public static int area(Point A, Point B, Point C) {
21         int area = (A.x * (B.y - C.y) + B.x * (C.y - A.y) + C.x * (A.y - B.y)) / 2;
22         return Math.abs(area);
23     }
24 }
25 }
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4



Interactive

Stdin Inputs

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CommandLine Arguments

Execute

Result
CPU Time: 0.10 sec(s), Memory: 30880 kilobyte(s) compiled and executed in 0.875 sec(s)

1400

Note:
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Got it!

Type here to search

Taskbar icons: File Explorer, Microsoft Edge, Mail, Photos, Settings, etc.

System tray: Network, Volume, Date/Time (11-10-2021, 19:56), Language (ENG)



```
1 public class MyClass {
2     static void numberToWords(char num[])
3     {
4         int len = num.length;
5         if (len == 0)
6         {
7             System.out.println("The string is empty.");
8             return;
9         }
10        if (len > 4)
11        {
12            System.out.println("In The given number has more than 4 digits.");
13            return;
14        }
15        String[] onesdigit = new String[] { "Zero", "One", "Two", "Three", "Four", "Five", "Six", "Seven", "Eight", "Nine" };
16        String[] twodigit = new String[] { "", "Ten", "Eleven", "Twelve", "Thirteen", "Fourteen", "Fifteen", "Sixteen", "Seventeen", "Eighteen", "Nineteen" };
17        String[] hundreds = new String[] { "", "Twenty", "Thirty", "Forty", "Fifty", "Sixty", "Seventy", "Eighty", "Ninety" };
18        String[] powersofTen = new String[] { "hundred", "thousand" };
19        System.out.println(String.valueOf(num) + " ");
20        if (len == 1)
21        {
22            System.out.println(onesdigit[num[0] - '0']);
23            return;
24        }
25        int x = 0;
26        while (x < num.length)
27        {
28            if (len == 1)
29            {
30                if (num[x] - '0' != 0)
31                {
32                    System.out.println(onesdigit[num[x] - '0'] + " ");
33                    System.out.println(powersofTen[len - 1] + " ");
34                }
35                --len;
36            }
37            x++;
38        }
39        if (num[x] - '0' == 1)
40        {
41            int sum = num[x] - '0' + num[x + 1] - '0';
42            System.out.println(twodigit[sum]);
43        }
44        return;
45    }
46 }
```

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```
49 System.out.println("Twenty");
50 return;
51 }
52 else
53 {
54     int i = (num[x] - '0');
55     if (i > 0)
56         System.out.print(multipleOfTens[i] + " ");
57     else
58         System.out.print("");
59     ++x;
60     if (num[x] - '0' != 0)
61         System.out.println(oneDigit[num[x] - '0']);
62 }
63 }
64 ++x;
65 }
66 }
67 public static void main(String args[])
68 {
69     numberToWords("1111".toCharArray());
70     numberToWords("0777".toCharArray());
71     numberToWords("88".toCharArray());
72     numberToWords("3".toCharArray());
73     numberToWords("0".toCharArray());
74     numberToWords("28".toCharArray());
75     numberToWords("1000".toCharArray());
76     numberToWords("12345".toCharArray());
77     numberToWords("",toCharArray());
78     numberToWords("3432".toCharArray());
79 }
80 }
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4

☐ Interactive

Stdin Inputs

CommandLine Arguments

Execute

Type here to search

25°C

ENG

11/10/2021

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Execute

Result

CPU Time: 0.16 sec(s), Memory: 54556 kilobytes

compiled and executed in 0.922 sec(s)

```

1111: One Thousand One Hundred Eleven
673: Six Hundred Seventy Three
45: Eighty five
5: Five
0: Zero
20: Twenty
1000: One Thousand
the given number has more than 4 digits.
The string is empty.
5432: Five thousand Four Hundred thirty two
  
```

Note:

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Online Java Compiler IDE

For Multiple Files, Custom Library and File Read/Write, use our new - Advanced Java IDE

```
1 public class "Jsdoodle"
2 {
3     public static void main(String[] args) {
4         int n1=0,n2=1,n3=1,count=0;
5         System.out.println(n1+" "+n2);
6
7         for( ; 2<count;count++)
8         {
9             n1=n2;
10            System.out.println(" "+n3);
11            n1=n2;
12            n2=n3;
13        }
14    }
15 }
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4

Interactive

stdin Inputs

CommandLine Arguments

Execute

11:43

VoLTE 4G 52



Browser tabs: [1] WhatsApp, Java Program Number to Word, Online Java Compiler - Online IDE

Address bar: jdoodle.com/online-java-compiler/


Buttons: Execute, File, Run, Full Screen

Result

CPU Time: 0.16 sec(s). Memory: 26240 kilobytes(s) compiled and executed at 0.872 sec(s)

```
1
1
2
3
5
8
13
21
34
```

Notes

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to execute your program

Windows taskbar: Type here to search, File Explorer, Microsoft Edge, Task View, Settings, Store, Phone, Mail, Calendar, Weather, 34°C, ENG, 16/22, 11/10/2021

```

1 public class Sudoku
2 {
3     int[] mat[];
4     int N;
5     int SRN;
6     int K;
7
8     Sudoku(int N, int K)
9     {
10         this.N = N;
11         this.K = K;
12
13         Double SRNd = Math.sqrt(N);
14         SRN = SRNd.intValue();
15
16         mat = new int[N][N];
17     }
18
19     public void fillValues()
20     {
21         fillDiagonal();
22
23         fillRemaining(0, SRN);
24
25         removeKDigits();
26     }
27
28     void fillDiagonal()
29     {
30         for (int i = 0; i < N; i=i+SRN)
31         {
32             fillBox(i, i);
33         }
34     }
35
36     boolean unusedInBox(int rowStart, int colStart, int num)

```

```
45 boolean unUsedInBox(int rowStart, int colStart, int num)
46 {
47     for (int i = 0; i < SRN; i++)
48         for (int j = 0; j < SRN; j++)
49             if (mat[rowStart+i][colStart+j] == num)
50                 return false;
51
52     return true;
53 }
54
55 void fillBox(int row, int col)
56 {
57     int num;
58     for (int i = 0; i < SRN; i++)
59     {
60         for (int j = 0; j < SRN; j++)
61         {
62             do
63             {
64                 num = randomGenerator(N);
65             }
66             while (!unUsedInBox(row, col, num));
67
68             mat[row+i][col+j] = num;
69         }
70     }
71 }
72
73 int randomGenerator(int num)
74 {
75     return (int) Math.floor((Math.random()*num+1));
76 }
77
78 boolean CheckIfSafe(int i, int j, int num)
79 {
80     return (unUsedInRow(i, num) &&
81             unUsedInCol(j, num) &&
82             unUsedInBox(i-i%SRN, j-j%SRN, num));
83 }
84
85 boolean unUsedInRow(int i, int num)
86 {
87     for (int j = 0; j < N; j++)
88
89
90
91
```



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```
88
89
90 boolean unusedInRow(int i,int num)
91 {
92     for (int j = 0; j<N; j++)
93         if (mat[i][j] == num)
94             return false;
95     return true;
96 }
97
98 boolean unusedInCol(int j,int num)
99 {
100     for (int i = 0; i<N; i++)
101         if (mat[i][j] == num)
102             return false;
103     return true;
104 }
105
106
107 boolean fillRemaining(int i, int j)
108 {
109
110     if (j>=N && i<N-1)
111     {
112         i = i + 1;
113         j = 0;
114     }
115     if (i>=N && j>=N)
116         return true;
117
118     if (i < SRN)
119     {
120         if (j < SRN)
121             j = SRN;
122     }
123     else if (i < N-SRN)
124     {
125         if (j==(int)(i/SRN)*SRN)
126             j = j + SRN;
127     }
128     else
129     {
130         if (j == N-SRN)
131         {
132             i = i + 1;
133             j = 0;
134             if (i>=N)
```

20:50
11-10-2021

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```
131 {
132     i = i + 1;
133     j = 0;
134     if (i >= N)
135         return true;
136 }
137
138 for (int num = 1; num <= N; num++)
139 {
140     if (CheckIfSafe(i, j, num))
141     {
142         mat[i][j] = num;
143         if (FillRemaining(i, j+1))
144             return true;
145         mat[i][j] = 0;
146     }
147 }
148 return false;
149 }
150
151
152
153 public void removeKDigits()
154 {
155     int count = K;
156     while (count != 0)
157     {
158         int cellId = randomGenerator(N*N)-1;
159
160         int i = (cellId/N);
161         int j = cellId%N;
162         if (j != 0)
163             j = j - 1;
164
165         if (mat[i][j] != 0)
166         {
167             count--;
168             mat[i][j] = 0;
169         }
170     }
171 }
172
173
174
175 public void printSudoku()
176 {
177
```

Type here to search

29°C 20:50 11-10-2021 ENG

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```
165
166
167     if (mat[i][j] != 0)
168     {
169         count--;
170         mat[i][j] = 0;
171     }
172 }
173
174
175 public void printSudoku()
176 {
177     for (int i = 0; i < N; i++)
178     {
179         for (int j = 0; j < N; j++)
180             System.out.print(mat[i][j] + " ");
181         System.out.println();
182     }
183     System.out.println();
184 }
185
186
187 public static void main(String[] args)
188 {
189     int N = 9, K = 20;
190     Sudoku sudoku = new Sudoku(N, K);
191     sudoku.fillValues();
192     sudoku.printSudoku();
193 }
194
195 }
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4

Interactive

Stdin Inputs

CommandLine Arguments

Execute

20:50
11-10-2021

Online Java Compiler - Online Ja x Online Java Compiler - Online Ja x

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Execute


Result

CPU Time: 0.16 sec(s), Memory: 33704 kilobyte(s)

compiled and executed in 1.131 sec(s)

```
7 0 1 0 3 9 0 6 8
8 4 0 1 6 5 0 9 3
0 6 0 4 8 7 5 0 2
0 9 5 0 2 0 6 4 7
2 8 0 7 1 6 0 3 5
6 7 0 9 5 4 8 2 1
0 1 7 8 0 2 3 5 6
4 0 6 5 7 1 2 8 9
5 2 0 6 0 0 1 7 4
```

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