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File Edit Selection View Go Run Terminal Help AGE.java - programs - Visual Studio Code
AGE.java X
practice > AGE.java > {} practice
1 package practice;
2 class WrongAge extends Exception
3 {
4     public String toString()
5     {
6         return "Please enter the right age: "+ "Son's age > Father's age";
7     }
8 }
9
10 class Father
11 {
12     int age;
13     Father(int age1)
14     {
15         age=age1;
16         System.out.println("Father age:"+age);
17     }
18 }
19 class Son extends Father
20 {
21     Son(int age1)
22     {
23         super(age1);
24         System.out.println("Son age:"+age);
25     }
26 }
27 public class Age{
28     Run | Debug
29     public static void main(String args[]) throws WrongAge
30     {
31         int i=args.length;
```

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AGE.java X
practice > AGE.java > ↵ Age
15         age=age1;
16         System.out.println("Father age:"+age);
17     }
18 }
19 class Son extends Father
20 {
21     Son(int age1)
22     {
23         super(age1);
24         System.out.println("Son age:"+age);
25     }
26 }
27 public class Age{
28     Run | Debug
29     public static void main(String args[]) throws WrongAge
30     {
31         int i=args.length;
32         int j=Integer.parseInt(args[0]);
33         int k=Integer.parseInt(args[1]);
34         if(i<=0 || k>j)
35         {
36             throw new WrongAge();
37         }
38         else
39         {
40             Father f=new Father(j);
41             Son s=new Son(k);
42         }
43     }
44 }
```

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1: Java Process Console + - [ ] [x] x

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\java\programs> & 'c:\Users\prana\.vscode\extensions\vscjava.vscode-java-debug-0.29.0\scripts\launcher.bat' 'C:\Program Files\Java\jdk-11.0.9\bin\java.exe'
'-Dfile.encoding=UTF-8' '-cp' 'C:\Users\prana\AppData\Roaming\Code\User\workspaceStorage\13a451f2118e1796b42ad38d439eca73\redhat.java\jdt_ws\programs_98e0b5e3\bin'
'practice.Age'
Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: Index 0 out of bounds for length 0
    at practice.Age.main(Age.java:32)
PS D:\java\programs> & 'c:\Users\prana\.vscode\extensions\vscjava.vscode-java-debug-0.29.0\scripts\launcher.bat' 'C:\Program Files\Java\jdk-11.0.9\bin\java.exe'
'-Dfile.encoding=UTF-8' '-cp' 'C:\Users\prana\AppData\Roaming\Code\User\workspaceStorage\13a451f2118e1796b42ad38d439eca73\redhat.java\jdt_ws\programs_98e0b5e3\bin'
'practice.Age' 56 12
Father age:56
Father age:12
Son age:12
PS D:\java\programs> & 'c:\Users\prana\.vscode\extensions\vscjava.vscode-java-debug-0.29.0\scripts\launcher.bat' 'C:\Program Files\Java\jdk-11.0.9\bin\java.exe'
'-Dfile.encoding=UTF-8' '-cp' 'C:\Users\prana\AppData\Roaming\Code\User\workspaceStorage\13a451f2118e1796b42ad38d439eca73\redhat.java\jdt_ws\programs_98e0b5e3\bin'
'practice.Age' -1 56
Exception in thread "main" Please enter the right age:Son's age > Father's age
    at practice.Age.main(Age.java:36)
PS D:\java\programs> & 'c:\Users\prana\.vscode\extensions\vscjava.vscode-java-debug-0.29.0\scripts\launcher.bat' 'C:\Program Files\Java\jdk-11.0.9\bin\java.exe'
'-Dfile.encoding=UTF-8' '-cp' 'C:\Users\prana\AppData\Roaming\Code\User\workspaceStorage\13a451f2118e1796b42ad38d439eca73\redhat.java\jdt_ws\programs_98e0b5e3\bin'
'practice.Age' -1 56
Exception in thread "main" Please enter the right age:Son's age > Father's age
    at practice.Age.main(Age.java:36)
PS D:\java\programs>
```