

The screenshot shows the IntelliJ IDEA interface with the following details:

- File Menu:** File, Edit, View, Navigate, Code, Refactor, Build, Run, Tools, VCS, Window, Help.
- Project Bar:** cwr\_01 > src > company > college\_work
- Toolbars:** Packages, Project, Run, Structure.
- Code Editor:** The active file is college\_work.java, containing the following code:

```
1 package company;
2
3 public class college_work {
4     public static void main(String[] args) {
5         //1. program to print fibonacci series of given numbers.
6         int x = 0, y = 1, z, count = 5;
7         System.out.print(x + " " + y);
8         for (int i = 2; i < count; i++) {
9             z = x + y;
10            System.out.print(" " + z);
11            x = y;
12            y = z;
13
14            //2.program to print atble of given number.
15            // table inn reverse order
16            int f= 4;
17            System.out.println("table in reverse order");
18            for (int i = 10; i>1; i--) {
19                System.out.println(f+" X "+i+" = "+f*i);
20            }
21            // table in right order
22            System.out.println("table in right order");
23        }
24    }
25}
```

- Run Tab:** college\_work > C:\Program Files\Java\jdk-20\bin\java.exe" "-javaagent:C:\Users\lenovo\AppData\Local\JetBrains\IntelliJ IDEA Educational Edition 2022.2.2\lib\idea\_rt.jar=54810:C:\Users\lenovo\A...  
0 1 2 3  
Process finished with exit code 0
- Bottom Status Bar:** Version Control, Run, TODO, Problems, Terminal, Services, Build, Debug selected configuration, 99:1 CRLF UTF-8 4 spaces.
- Right Sidebar:** Notifications, Language Selector (ENG IN), Date (8:37 AM 9/11/2023).

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help cwr\_01 - college\_work.java

cwr\_01 src company college\_work

Packages cwr\_01 Packages

Project

college\_work.java

```
//          y = z;

//2.program to print table of given number.
// table inn reverse order
int f= 4;
System.out.println("table in reverse order");
for (int i = 10; i>=1; i--) {
    System.out.println(f+" X "+i+" = "+f*i);
}

// table in right order
System.out.println("table in right order");
int r= 4;
for (int i = 1; i<=10; i++) {
    System.out.println(r+" X "+i+" = "+r*i);
}

//3. program to print reverse number.
int[] j={124,13,14,25,16};
for(int i=4;i>=0;i--){
    System.out.print(j[i]+",");
}
//4.convert decimal to binary.
```

Run: college\_work

table in reverse order

4 X 10 = 40

4 X 9 = 36

4 X 8 = 32

4 X 7 = 28

4 X 6 = 24

4 X 5 = 20

4 X 4 = 16

4 X 3 = 12

4 X 2 = 8

4 X 1 = 4

table in right order

124,13,14,25,16,

Version Control Run TODO Problems Terminal Services Build

Build completed successfully in 4 sec, 734 ms (moments ago)

19:66 CRLF UTF-8 4 spaces

Notification

ENG IN 8:39 AM 9/11/2023

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help cwr\_01 - college\_work.java

cwr\_01 src company college\_work main

Packages

cwr\_01

- company
  - AONoperator\_cwr
  - array
  - arth
  - college\_work
  - iffelse\_cwr
  - javaaa
  - loop
  - oper
  - practice\_01
  - practice\_04
  - practice\_05
  - practice\_02
  - program\_03
  - sdbjbd
- school
  - per
  - Rand\_numb\_cwr

Notifications

college\_work.java

```
21 // table in right order
22 System.out.println("table in right order");
23 int r= 4;
24 for (int i = 1; i<=10; i++) {
25     System.out.println(r+" X "+i+" = "+r*i);
26 }
27 //3. program to print reverse number.
28 int[] j={124, 13, 14, 25, 16};
29 for(int i=4;i>=0;i--){
30     System.out.print(j[i]+",");
31 }
32 //4.convert decimal to binary.
33 System.out.println("enter number :");
34 Scanner a = new Scanner(System.in);
35 int n=a.nextInt();
36 System.out.println(Integer.toBinaryString(n));
37
38 //5. program to find largest number in array.
39 int[] j={12,13,14,25,16};
40 int max=j[0];
41 //
```

Run: college\_work

```
"C:\Program Files\Java\jdk-20\bin\java.exe" "-javaagent:C:\Users\lenovo\AppData\Local\JetBrains\IntelliJ IDEA Educational Edition 2022.2.2\lib\idea_rt.jar=54816:C:\Users\lenovo\A
16, 25, 14, 13, 124,
Process finished with exit code 0
```

Structure

Version Control Run TODO Problems Terminal Services Build

Build completed successfully in 4 sec, 48 ms (moments ago)

32:43 CRLF UTF-8 4 spaces

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help cwr\_01 - college\_work.java

cwr\_01 src company college\_work main

Packages

cwr\_01

- company
  - AONoperator\_cwr
  - array
  - arth
  - college\_work
  - iffelse\_cwr
  - javaaa
  - loop
  - oper
  - practice\_01
  - practice\_04
  - practice\_05
  - practice\_02
  - program\_03
  - sdbjbd
- school
  - per
  - Rand\_numb\_cwr

Libraries

college\_work

```
// 1. program to print table in right order
System.out.println("table in right order");
int r= 4;
for (int i = 1; i<=10; i++) {
    System.out.println(r+" X "+i+" = "+r*i);
}

//3. program to print reverse number.
int[] j={124,13,14,25,16};
for(int i=4;i>=0;i--){
    System.out.print(j[i]+",");
}

//4.convert decimal to binary.
System.out.println("enter number :");
Scanner a = new Scanner(System.in);
int n=a.nextInt();
System.out.println(Integer.toBinaryString(n));

//5. program to find largest number in array.
int[] j={12,13,14,25,16};
int max=j[0];
for (int i = 1; i<=4; i++) {
    if (j[i]>max) {
        max=j[i];
    }
}
System.out.println("largest number is "+max);
```

Run: college\_work

```
"C:\Program Files\Java\jdk-20\bin\java.exe" "-javaagent:C:\Users\lenovo\AppData\Local\JetBrains\IntelliJ IDEA Educational Edition 2022.2.2\lib\idea_rt.jar=54817:C:\Users\lenovo\A
enter number :
4
100
Process finished with exit code 0
```

Version Control Run TODO Problems Terminal Services Build

Build completed successfully in 4 sec, 55 ms (moments ago)

31:33 CRLF UTF-8 4 spaces

Notification

Project

Bookmarks

Structure

8:40 AM 9/11/2023

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help cwr\_01 - college\_work.java

cwr\_01 src company college\_work main

Packages cwr\_01 Packages

Project

company AONoperator\_cwr array arth college\_work iffelse\_cwr javaaa looop oper practice\_01 practice\_04 practice\_05 practice\_02 program\_03 sdbjbd school per Rand\_numb\_cwr Libraries

loop.java x practice\_01.java x javaaa.java x practice\_05.java x college\_work.java x array.java x program\_03.java x Rand\_numb\_cwr.java x perjava..x Notifications

31 // } //4. convert decimal to binary.  
32 // System.out.println("enter number :");  
33 Scanner a = new Scanner(System.in);  
34 int n=a.nextInt();  
35 // System.out.println(Integer.toBinaryString(n));  
36 //  
37 //5. program to find largest number in array.  
38 int[] j={12,13,14,25,16};  
39 int max=j[0];  
40 for(int i=0;i<5;i++){  
41 if(j[i]>max){  
42 max=j[i];  
43 }  
44 }  
45 System.out.println("largest number is : "+max);  
46 //6. program to find smallest number in array.  
47 int[] j={124,13,14,25,16};  
48 int min=j[0];  
49 for(int i=0;i<5;i++){  
50 if(j[i]<min){  
51 min=j[i];  
52 }  
53 }

Run: college\_work  
"C:\Program Files\Java\jdk-20\bin\java.exe" "-javaagent:C:\Users\lenovo\AppData\Local\JetBrains\IntelliJ IDEA Educational Edition 2022.2.2\lib\idea\_rt.jar=54821:C:\Users\lenovo\A  
largest number is : 25  
Process finished with exit code 0

Structure

Version Control Run TODO Problems Terminal Services Build

Build completed successfully in 4 sec, 31 ms (moments ago)

37:1 CRLF UTF-8 4 spaces

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help cwr\_01 - college\_work.java

cwr\_01 src company college\_work main

Packages

cwr\_01

- company
  - AONoperator\_cwr
  - array
  - arth
  - college\_work
  - iffelse\_cwr
  - javaaa
  - loop
  - oper
  - practice\_01
  - practice\_04
  - practice\_05
  - practice\_02
  - program\_03
  - sdbjbd
- school
  - per
  - Rand\_numb\_cwr
- Libraries

loop.java x practice\_01.java x javaaa.java x practice\_05.java x college\_work.java x array.java x program\_03.java x Rand\_numb\_cwr.java x perjava..java x

// 1. program to find largest number in array.  
int[] j={12,13,14,25,16};  
int max=j[0];  
for(int i=0;i<5;i++){  
 if(j[i]>max){  
 max=j[i];  
 }  
}  
System.out.println("largest number is : "+max);  
  
//6. program to find smallest number in array.  
int[] j={124,13,14,25,16};  
int min=j[0];  
for(int i=0;i<5;i++){  
 if(j[i]<min){  
 min=j[i];  
 }  
}  
System.out.println("Smallest number is : "+min);  
  
//7. program to calculate electricity bill.  
System.out.println("enter units of bill :");

Run: college\_work x

"C:\Program Files\Java\jdk-20\bin\java.exe" "-javaagent:C:\Users\lenovo\AppData\Local\JetBrains\IntelliJ IDEA Educational Edition 2022.2.2\lib\idea\_rt.jar=54823:C:\Users\lenovo\A  
Smallest number is : 13  
Process finished with exit code 0

Version Control Run TODO Problems Terminal Services Build

Build completed successfully in 4 sec, 44 ms (moments ago)

44:28 CRLF UTF-8 4 spaces

Notification

ENG IN 8:41 AM 9/11/2023

The screenshot shows the IntelliJ IDEA interface with the following details:

- Project:** cwr\_01
- File:** college\_work.java
- Code Snippet:**

```
//6. program to calculate electricity bill.  
System.out.println("enter units of bill :");  
Scanner b= new Scanner(System.in);  
int m=b.nextInt();  
System.out.println("total bill is :");  
if(m>0 && m<100){  
    int f=2*m+200;  
    System.out.println(f);  
}  
if(m>100 && m<150){  
    int y=3*m+200;  
    System.out.println(y);  
}  
if(m>=151){  
    int r=7*m+200;  
    System.out.println(r);  
}  
System.out.println("enter salary:");  
Scanner h= new Scanner(System.in);
```

- Run:** college\_work
- Output:**

```
"C:\Program Files\Java\jdk-20\bin\java.exe" "-javaagent:C:\Users\lenovo\AppData\Local\JetBrains\IntelliJ IDEA Educational Edition 2022.2.2\lib\idea_rt.jar=54825:C:\Users\lenovo\A  
enter units of bill :  
154  
total bill is :  
1278  
Process finished with exit code 0
```

- Bottom Status Bar:** Build completed successfully in 4 sec, 25 ms (moments ago)
- Bottom Right:** 8:42 AM, 9/11/2023, ENG IN

The screenshot shows the IntelliJ IDEA interface with the following details:

- Project:** cwr\_01
- File:** college\_work.java
- Code Snippet:**

```
    //  
    //  
    System.out.println("enter salary:");  
    Scanner b= new Scanner(System.in);  
    int m=b.nextInt();  
    System.out.println("total salary:");  
    float f=(m*20)/100f;  
    float k=(m*50)/100f;  
    float l=(m*75)/100f;  
    int y=2000;  
    if(m<5000){  
        float u =m+f+k;  
        System.out.println(u);  
        System.out.println("HRA=20% , DA=50%");  
    }  
    if(m>=5000){  
        float e=m+y+l;  
        System.out.println(e);  
        System.out.println("HRA=2000 , DA=75%");  
    }  
}
```

- Run:** college\_work
- Output:**

```
"C:\Program Files\Java\jdk-20\bin\java.exe" "-javaagent:C:\Users\lenovo\AppData\Local\JetBrains\IntelliJ IDEA Educational Edition 2022.2.2\lib\idea_rt.jar=54828:C:\Users\lenovo\A  
enter salary:  
4500  
total salary:  
7650.0  
HRA=20% , DA=50%  
Process finished with exit code 0
```

- Bottom Status Bar:** Build completed successfully in 4 sec, 40 ms (moments ago)
- Bottom Right:** 9:1 CRLF UTF-8 4 spaces