**Java code to find the longest sequence in a array and adding them:**

**package** learning;

**import** java.util.\*;

**public** **class** Surya {

**public** **static** **void** main(String args[])

{

Scanner sc = **new** Scanner(System.***in***);

**int** a[]=**new** **int**[] {6,7,8,9,10,13,17};

**int** i1=0;

**int** max=0;

**for**(**int** i=1;i<a.length;i++)

{

**if**(a[i]>a[i-1])

{

i1=i1+a[i-1];

**if**(i==a.length-1)

{

max=i1+a[i];

**break**;

}

}

**else**

{

i1=i1+a[i-1];

**if**(i1>max)

{

max=i1;

}

i1=0;

}

}

System.***out***.print(max);

}

}