

## TASK-1:

main.js	Run	Output
<pre>1 //anonymous function 2 3 var hello= function(){ 4     console.log("Hello"); 5 } 6 hello(); 7 8 //arrow function 9 10 var hello= () =&gt;{ 11     console.log("Hello"); 12 } 13 hello();</pre>		<pre>node /tmp/uZkUa0psJI.js Hello Hello</pre>

## TASK-2:

main.js	Run	Output
<pre>1 var print= function(){ 2     console.log(5); 3 } 4 print(); 5 6 var print= () =&gt;{ 7     console.log(5); 8 } 9 print();</pre>		<pre>node /tmp/UTSYkBUcnJ.js 5 5</pre>

## TASK-3:

main.js	Run	Output
<pre>1 var add=function(){ 2     console.log(2+3); 3 } 4 add(); 5 6 var add= ()=&gt;console.log(2+3); 7 add(); 8 9 var add= () =&gt;{ 10     console.log(2+3); 11 } 12 add();</pre>		<pre>node /tmp/XEYfa1bewP.js 5 5 5</pre>

## TASK-4:

main.js	Output
<pre>1 var addition= function(a,b){ 2   return a+b; 3 } 4 console.log(addition(10,20)); 5 6 var addition=(a,b)=&gt;{ 7   return a+b; 8 } 9 console.log(addition(10,20));</pre>	<pre>node /tmp/yi4kJioel.js 30 30</pre>

## TASK-5:

main.js	Output
<pre>1 var subtract=function(a,b){ 2   return a-b; 3 } 4 console.log(subtract(20,10)); 5 6 var subtract=(a,b)=&gt;{ 7   return a-b; 8 } 9 console.log(subtract(20,10));</pre>	<pre>node /tmp/o5VzGzL1fX.js 10 10</pre>

## TASK-6:

main.js	Output
<pre>1 var add=function(x){ 2   return x+x; 3 } 4 console.log(add(2)); 5 6 var add=x=&gt;{ 7   return x+x; 8 } 9 console.log(add(2));</pre>	<pre>node /tmp/s6I0CZv010.js 4 4</pre>

## TASK-7:

main.js	Output
<pre>1 var square= function(x){ 2   return x*x; 3 } 4 console.log(square(2)); 5 6 var square=x=&gt;{ 7   return x*x; 8 } 9 console.log(square(2));</pre>	<pre>node /tmp/iXQaXdJXws.js 4 4  </pre>


## TASK-8:

main.js	Output
<pre>1 var isPositive=function(x){ 2   return x&gt;0; 3 } 4 console.log(isPositive(2)); 5 6 var isPositive=(x)=&gt;{ 7   return x&gt;0; 8 } 9 console.log(isPositive(0));</pre>	<pre>node /tmp/x8RMkhnrBs.js true false</pre>

## TASK-9:

main.js	Output
<pre>1 var absolute=function(x){ 2   if(x&gt;0){ 3     return 0-x; 4   } 5   return x; 6 } 7 console.log(absolute(-10)); 8 9 var absolute=(x)=&gt;{ 10  if(x&gt;0){ 11    return 0-x; 12  } 13  return x; 14 } 15 console.log(absolute(10));</pre>	<pre>node /tmp/S8fdwCa8XF.js -10 -10</pre>

## TASK-10:

main.js	Run	Output
<pre>1 var max=function(a,b){ 2   if(a&gt;b){ 3     return a; 4   } 5   return b; 6 } 7 console.log(max(10,20)); 8 9 var max=(a,b)=&gt;{ 10   if(a&gt;b){ 11     return a; 12   } 13   return b; 14 } 15 console.log(max(20,10));</pre>		<pre>node /tmp/S0PUBXbb3X.js 20 20</pre>