Question	Answer 1	Answer 2	Answer 3	Answer 4	
What does the following code print?	true	false	true	false	https://go.dev/play/p/IAb6hXooFiS
package main	true	true	false	false	
import ("fmt"					
"math"					
)					
func main() {					
<pre>fmt.Println(math.NaN() == math.NaN()) fmt.Println(math.Inf(1) == math.Inf(1))</pre>					
}					
What does the following code print?	1 2 3 4	1212	3 4 3 4	3 4 1 2	
$x := [] int{1,2,3,4}$					
x = append(x[:2], x[:copy(x[:2], x[2:])])					
fmt.Println(x) What does the following code print?	main.A{}	main.A{}	A	A	https://golang.org/pkg/fmt/#GoStringer
	В	main.B{}	В	main.B{}	mttps://golang.org/pkg/mtr#GOStringer
<pre>type A struct{}</pre>					
func (a A) String() string {					
return "A"					
,					
<pre>type B struct{}</pre>					
<pre>func (b B) GoString() string {</pre>					
return "B" }					
func main() {					
<pre>fmt.Printf("%#v\n", A{})</pre>					
<pre>fmt.Printf("%#v\n", B{}) }</pre>					
What does the following code print?		128 panic	cannot use 128 (untyped	iı 0	https://go.dev/play/p/fdKJFYsh6zA
package main					
import "fmt"					
type number interface {					
~int8 ~int32 ~int64 ~int					
}					
<pre>func add128[T number](x T) T {</pre>					
<pre>x = 128 return x</pre>					
}					
<pre>func main() {</pre>					
var x int					
<pre>fmt.Println(add128(x)) }</pre>					
1					

What does the following code print?	5	15	error	nil	https://go.dev/play/p/YKes6dtB6AY			
package main								
import "fmt"								
<pre>func hello(i int) { fmt.Println(i) }</pre>								
<pre>func main() { i := 5 defer hello(i) i = i + 10 }</pre>								
What does the following code print?	12 hours and 10 seconds	43200 hours and 600 seconds	43200 hours and 10 secor	12 hours and 600 seconds				
package main								
import "fmt"								
<pre>func main() { n := 43210 // time in seconds fmt.Println(n/60*60, "hours and", n%60*60, "seconds") }</pre>								
Pythagorean triples are integer solutions to the Pythagorean Theorem, a^2 + b^2 = c^2.	true	true	false	false				
<pre>fmt.Println(3^2+4^2 == 5^2) fmt.Println(6^2+8^2 == 10^2)</pre>	true	false	true	false				
What does the following code print?	0	4	6	fatal error	https://go.dev/pla	y/p/aOd59758BZC	2	
package main					fatal error: all gor	outines are asleep	- deadlock!	
<pre>import ("fmt" "time")</pre>								
<pre>func main() { var ch chan int for i := 0; i < 3; i++ { go func(idx int) { ch <- (idx + 1) * 2 } }</pre>								
<pre>fmt.Println("result:", <-ch) time.Sleep(2 * time.Second) }</pre>								

<pre>What does the following code print? package main import ("fmt" "log" "sync" "time") func main() { defer func() { if err := recover(); err != nil { log.Println("recovered from panic:", err) } () var wg sync.WaitGroup wg.Add(1) go func() { defer wg.Done() time Sleen(1 * time Second)</pre>	waiting for goroutine to finish panic: panic'ed in goroutine goroutine 20 [running]: Program exited.	waiting for goroutine to finish panic: panic'ed in goroutine recovered from panic finished	panic: panic'ed in goroutir waiting for goroutine to fin goroutine 20 [running]: Program exited.	panic: panic'ed in goroutine i recovered from panic waiting for goroutine to finish finished	https://go.dev/pla	y/p/DMTdsK_5Nd	<u>S</u>
<pre>time.Sleep(1 * time.Second) panic("panic'ed in goroutine") }() fmt.Println("waiting for goroutine to finish") wg.Wait() fmt.Println("finished") } What does the following code print? func main() { s := "9" v1 := s[0] for _, v2 := range s { fmt.Println(v1) fmt.Println(v2) fmt.Println(v2) fmt.Println(v1 == v2) break // a single loop iteration</pre>	57 9 true	invalid operation	9 9 false	9 9 true	https://go.dev/pla	y/p/cWpsXwBSJ6	<u>0</u>
<pre>What does the following code print? type S []S var s S s = append(s, s) s = append(s, s) fmt.Println(s)</pre>		[[]]	(() ())	(0 (0))			
<pre>What does the following code print? func main() { fmt.Println(</pre>	compiler error	panic	[97 98]	ab			

What does the following code print?	panic: stack overflow	[1 2 1 2]	[1 2 1 2 1 2]	[1 1 1 2 2 2]		
<pre>func main() { s := []int{1, 2} s = append(s, append(s, s)) fmt.Println(s) }</pre>						
What does the following code print?	1111	1212	1121	2 2 2 2		
<pre>func main() { s := []int{1, 1, 1, 1} x := append(s[:2], s[2:])</pre>						
s[2] = 2						
<pre>fmt.Println(x) }</pre>						
What does the following code print?	compiler error	0 1	5 5	5 6		
const iota = 5						
const (a = iota						
b = iota						
<pre>func main() { fmt.Println(a, b) }</pre>						