Golang Quiz MIKTI MSIB🎉

Total points 190/200

✓ what is the output of below code snippet : *

10/10

```
package main

import (
    "fmt"
)

func PrintHello() {
    fmt.Println("Hello")
}

func main() {
    go PrintHello()
    fmt.Println("User")
}
```

◉ Hello User   ✓

○ User

○ Hello

○ error

✓ What is the output of below code snippet : *   10/10

package main

import (
     "fmt"
)

func main() {
     ch := make(chan int)
     ch <- 2
     get := <-ch
     fmt.Println(get)
}

◉ 2.0   ✓

○ Compile time error

○ Fatal error

○ None of the above

✓ Which of the following is true about static type declaration of a variable *10/10
in Go?

○ Static type variable declaration provides assurance to the compiler that there is one
variable existing with the given type and name

○ A variable declaration has its meaning at the time of compilation only, compiler
needs actual variable declaration at the time of linking of the program

○ Both of the above

◉ None of the above   ✓

✓ List out the built in support in GO? *   10/10

○ Container: container/list , container/heap

○ Web Server: net/http

○ Cryptography: Crypto/md5 , crypto/sha1

◉ All of these   ✓

✓ Which one of the following is correct? *   10/10

○ const Pi = 3.14

○ const Pi = math.Pi

◉ Both A and B are correct   ✓

○ None of the above

✓ Here's list of data types does Golang use, except? *   10/10

○ Method

○ Boolean

○ Numeric

◉ Integral   ✓

✓ What command is used to run a Go program? *   10/10

⦿ go run   ✓

◯ go start

◯ go exec

◯ go boot

✓ Which of the following is the correct way to declare a constant in Go? *   10/10

⦿ const PI = 3.14   ✓

◯ final PI = 3.14

◯ const float PI = 3.14

◯ constant PI = 3.14

✓ What is the zero value for a string in Go? *   10/10

⦿ ""   ✓

◯ "0"

◯ null

◯ " "

✓ **How do you write a single-line comment in Go? ***   10/10

◉ // comment   ✓

○ # comment

○ /* comment */

○ -- comment

✓ **What is the keyword to define a function in Go? ***   10/10

◉ func   ✓

○ function

○ def

○ define

✗ **How do you define a multiline comment in Go? ***   0/10

◉ /** Comment */   ✗

○ # Comment #

○ / Comment */

○ <!-- Comment -->

Correct answer

◉ / Comment */

✓ What keyword is used to create a new struct type in Go? *   10/10

○ struct

○ new

◉ type   ✓

○ create

✓ Which keyword is used to stop a loop in Go? *   10/10

○ stop

○ exit

○ end

◉ break   ✓

✓ Which of the following data types does Go not support? *   10/10

○ Float

◉ Char   ✓

○ String

○ Bool

✓ **Which keyword is used to import packages in Go?** * 10/10

⦿ import ✓

◯ package

◯ require

◯ include

✓ **Which of these statements is true about Go?** * 10/10

◯ Go does not support object-oriented programming.

◯ Go supports exception handling with try-and-catch blocks.

⦿ Go does not have while or do while loops, it only has for loops. ✓

◯ Go supports multithreading with the thread keyword.

✓ **How does Go handle unused variables?** * 10/10

◯ It ignores them.

◯ It throws a warning.

⦿ It throws a compile-time error. ✓

◯ It automatically removes them.

✓ **Which of these is NOT a Go built-in data type?** *   10/10

○ String

◉ Tuple   ✓

○ Boolean

○ Integer

✓ **In Go, what keyword is used to handle errors?** *   10/10

○ try

○ catch

◉ error   ✓

○ defer

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