

A list of possible questions:

What are the control sequences in Ada?

What are the programming units in Ada?

What are the differences between a procedure and a function?

What type of parameters can be defined in Ada? Can we define default parameter values?

How?

How can we declare pointers?

What is a block structure? When can be used?

Why is called Ada as strongly typed language?

What is a package? What is the structure of a package?

What are the differences between a subtype and a new type?

How can we define abstract data structures?

Why and where are generics used?

What type of parameters can be used at generics? How can we instantiate generics?

How can we defined default operators?

Compare the type V is private; line in the two code snippets:

- generic
 type V is private;

 package VV is

 end VV;
- package W is.....
 type V is private;
 (!)
 end W;

How can we define records? What kind of records can be used?

Write examples of arrays and enumerate their attributes.

What is a limited private type?

Describe the exception handling in Ada.

How can we define parallel unit sin Ada?

What is a protected unit in Ada?

How can we define a rendez-vous in Ada?

When are the tasks activated? When are the tasks terminated?

Describe static and dynamic tasks.

Describe the different select command types.

What is a semaphore?

Every answer should include small examples!!!