1)What is Debugging?

Ans - Debugging is the process of identifying and fixing any issues in the source code of a program.

2)What are the default packages present in java?

Ans- java.lang

3)Can we have an else condition without if condition?

Ans- no it not possible to write else without if.it will show error

4).why break is important in switch case?

Ans- switch statement executes one statement from multiple conditions. It is like if elseif ladder statement . Break statement to end processing of a particular labeled statement within the switch statement

5)naming conventions in java

Ans- Class

It should start with the uppercase letter.

It should be a noun such as Color, Button, System, Thread, etc.

Use appropriate words, instead of acronyms.

public class Employee

{

//code snippet

}

Method

It should start with lowercase letter.

It should be a verb such as main(), print(), println().

If the name contains multiple words, start it with a lowercase letter followed by an uppercase letter such as actionPerformed()

class Employee

{

// method

void draw()

{

//code snippet

}

}

Package

It should be a lowercase letter such as java, lang.

If the name contains multiple words, it should be separated by dots (.) such as java.util, java.lang

package assignment;

class Employee

{

//code snippet

}

Variable

It should start with a lowercase letter such as id, name.

It should not start with the special characters like & (ampersand), $ (dollar), \_ (underscore).

If the name contains multiple words, start it with the lowercase letter followed by an uppercase letter such as firstName, lastName.

Avoid using one-character variables such as x, y, z

class Employee

{

// variable

int id;

//code snippet

}

Constant

It should be in uppercase letters such as RED, YELLOW.

If the name contains multiple words, it should be separated by an underscore(\_) such as MAX\_PRIORITY.

It may contain digits but not as the first letter

class Employee

{

//constant

static final int MIN\_AGE = 18;

//code snippet

}