ABAP program consists the following structure

1. Header
2. Global Declarations
3. Processing Logic
4. Definition of Reusable Blocks

**Header**

Header section provides the detailed information about the development and which is the standard template for all custom ABAP developments. The first statement of ABAP program starts with a word PROGRAM or REPORT. It is not mandatory to mention the program name, but for documentation purpose correct name of ABAP program should be used.

When the user creates a program, by default system inserts the first ABAP statement

- For module pools – PROGRAM <name of program>
- For executable pools – REPORT <name of report>

**Global Declaration**

Global declaration declares all the global variables

**Processing Logic**

Processing logic block is used to implement the business logic and it is written for declaration.

**Definition of Reusable Blocks**
You can define reusable components once and you can call components wherever they are needed for business logic.

**Pre-requisites to create an ABAP programs**

1. Every SAP ABAP program should have a name and should begin with a letter Y or Z. The letters from A to X is reserved for SAP programs.
2. Title: – Description of the program
3. Type: – Types of ABAP program are
   - Executable program,
   - Include program and
   - module pool program.
4. Package: – Package a place where the program has to be created and stored. In real time package is created for each module/sub-module but not individuals.

**Characteristics of ABAP program**

1. ABAP programming language is not a case sensitive. But it is a space sensitive, it should have space between the programming words.
2. ABAP is only case sensitive during comparison
3. Every ABAP statement should end with a period (full stop).
4. The program name should not contain a special characters such as ",", "+", spaces, etc.
5. The program name should be unique and description length up to 30 characters long.

**An Example of SAP ABAP Program**

```
PROGRAM $P000000TERMI.
  "Compilation of TERM.
  FORM CALL 549B USING BACK STATUS STRUC STRUCTURE P/P.
  SET EXTENDED CHECK OFF.
  CASE STRUC-MASSH.
    WHEN '10'.
  CASE STRUC-MASSG.
    WHEN '31'.
    BACK = 'X'.
    WHEN OTHERS.
    BACK = ''.
  ENDCASE.
  WHEN OTHERS.
  BACK = ''.
  ENDFORM.
```

**Where ABAP programs are stored?**

ABAP Repository is a special memory in the database of SAP R/3 system and ABAP programs are stored in
this memory.