**Datatypes and Format Specifiers\_Assignments**

1. WAP to read the following information at run time and to display. Choose appropriate data type and format specifier.

1. username [maximum of length 125]

2. age

3. Salary [float]

4. Designation code [as short type with values {1, 2, 3, 4, 5, 6}

5. Gender [a single char field]

A computer screen with white text

Description automatically generated

A screenshot of a computer program

Description automatically generated

2. WAP to read a user choice as ‘y’ or ‘Y’ or ‘n’ or ‘N’ and display read choice as “Yes” or “No”

according to the input received.

‘y’ or ‘Y’à display “Yes”

‘n’ or ‘N’à display “No”

for any other character received à display “invalid character” and exit.

A black background with white text

Description automatically generated

A screenshot of a computer

Description automatically generated

3. WAP to read a number in decimal (0-127) and display it in 2 digit hex character.

A screen shot of a computer

Description automatically generated

A computer screen shot of a number

Description automatically generated