**Datatypes and Format Specifiers Assignment**

**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]

**Ans:**

A screenshot of a computer

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**

**Ans:**

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**

**Ans:**

A computer screen shot of a black screen

Description automatically generated