**NAME**

**JAHNZAIB ZAFAR**

**SECTION**

**BS ARTFICIAL INTELLIGENCE– 3B**

**TASK (2)**

**PART NUMBER 1**

**TOPIC**

**FIZZ BUZZ GAME**

**OUTPUT**

**62**

**turn= 1**

**enter your input=nmbr**

**62**

**84**

**turn= 2**

**enter your input=nmbr**

**84**

**36**

**turn= 3**

**enter your input=fizzbuzz**

**fizzbuzz**

**40**

**turn= 4**

**enter your input=nmbr**

**40**

**19**

**turn= 5**

**enter your input=nmbr**

**19**

**74**

**turn= 6**

**enter your input=fizz**

**fizz**

**18**

**turn= 7**

**enter your input=nmbr**

**18**

**56**

**turn= 8**

**enter your input=nmbr**

**56**

**9**

**turn= 9**

**enter your input=buzz**

**buzz**

**54**

**turn= 10**

**you have win the game**

**EXPLANATION**

**THIS IS A FIZZ BUZZ GAME**

* IN WHICH I HAVE **IMPORTED RANDOM NUMBER** AND PRINT.
* IN WHICH THERE IS LAST NUMBER VARIABLE IF OUR VARIABLE IS ZERO THEN RETURN ONLY RANDOM NUMBER OTHERWISE RETURN RANDOM NUMBER +PREVIOUS RANDOM NUMBER
* IN WHICH THERE IS **WHILE LOOP** WHICH KEEP THE GAME CONTINOULSLY EAVEN OUR GAME FINISH.
* IN WHICH THERE IS **FOUR CASE** INVOLVED
* IN WHICH IF NUMBER **DIVIDE BY 3** THEN ANSWER IS **FIZZ,DIVIDE BY FIVE** THEN ANSWER IS **BUZZ** AND IF **DIVIDE BY 3 AND 5** THEN RETURN **FIZZBUZZ** AND **NOT DIVIDED BY 5 OR 3** THEN RETURN US **NMBR** .IF WE ENTER **WRONG INPUT** THEN OUR **GAME WILL BE FINISH.**
* **IN THE END**,**RANDOM NUMBER== LAST NUMBER** SO THAT IT ADD THE TOTAL NUMBER OF RANDOM NUMBER AND PREVIOOUS NUMBER .
* IN WHICH I HAVE TAKE THE TURN IF USER PALY **FIRST 10 TURN** ,HE WILL **WIN.**