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| Name: | Prerna Sunil Jadhav |
| Sap  Id: | 60004220127 |
| Class: | T. Y. B.Tech (Computer Engineering) |
| Course: | Processor Organization and Architecture (POA) |
| Course Code: | DJ19CEL502 |
| Experiment  No.: | 09 |

**AIM:** Assembly program to find factorial with macros.

**CODE**:

fact macro f

up:

mul f

dec f

jnz up

endm

data segment

num dw 05h

result dw ?

ends

code segment

start:

mov ax, data

mov ds, ax

mov ax, 0001h

fact num

mov result, ax

CODE ends

END START

**OUTPUT**:

