Expt.No.

OUTPUT

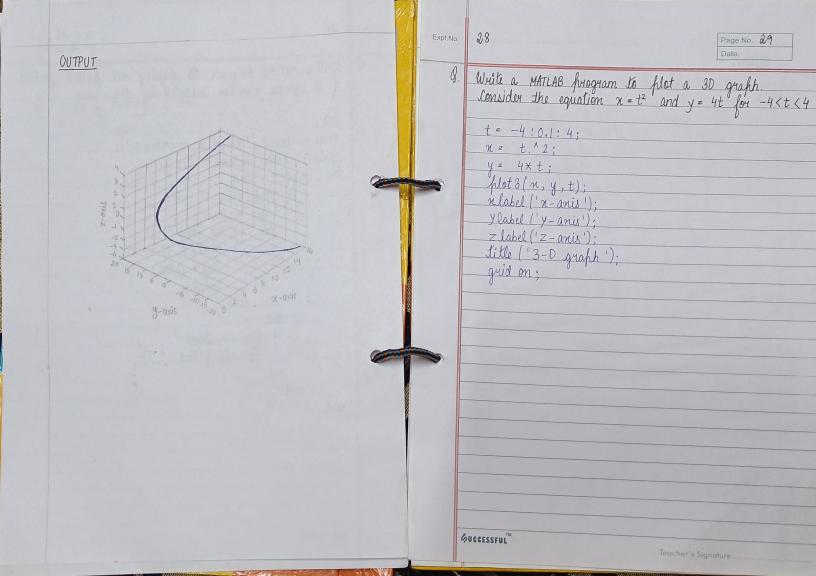
Enter a number: 442

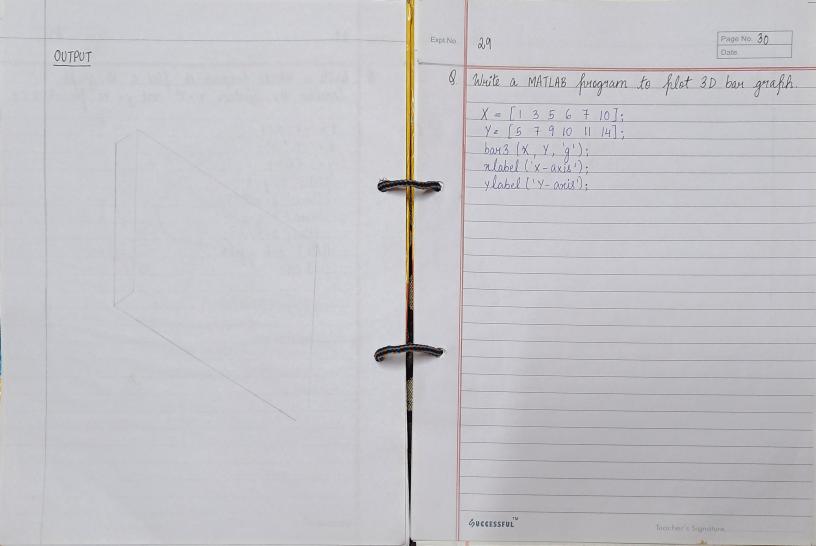
Prime Factors: 2 13 17

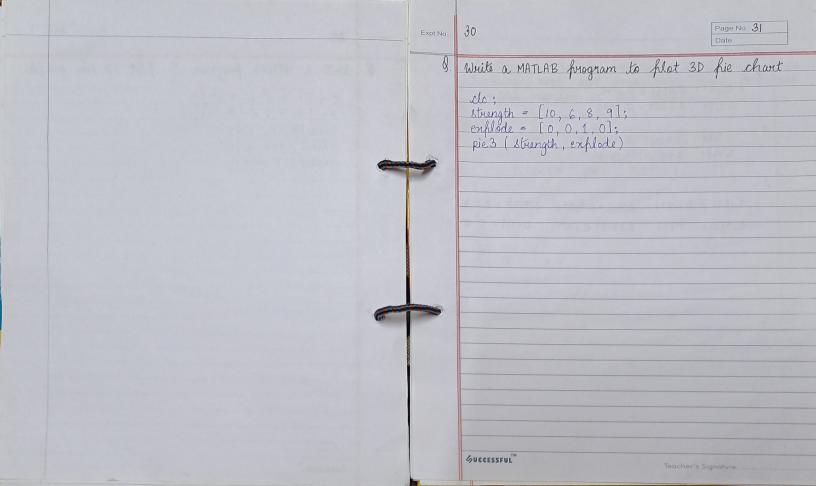
White a MATLAB program to display all prime factors of a given number inserted by the riser. clc; num = input ('Enter a number:');
fprintf ('brime factors: ');
for i = 2:1: num if mod(num, i) = = 0flag = true; for j=2: floor(i/2) if mod(i,j) ==0 flag = false; break; end if flag == true ferintf ('%d',i); end

GUCCESSFUL"

end







OUTPUT

0.8147 0.9058 0.1270 0.9134 0.6324 0.0975

0.1576 0.9706 0.9572

0.4854 0.8003 0.1419

Az

0.1576 + 0.8147 i 0.9706 + 0.9058 i 0.9572 + 0.1270 i 0.4854+0.91341 0,8003+0.63241 0.1419+0.09751

