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% Name :sarthak PATIL
% Roll no. : TYMEB228
f = inline('3*(0.4+0.004*T)');
x1 = input('Enter the value of x1 = ');
xn = input('Enter the value of xn = ');
n = input('Enter the value of n = ');

h = (xn-x1)/n;
Area = 0;
for i=1:2:n
    Area = Area+(f(x1)+ 4*f(x1+h)+ f(x1+2*h));
    x1 = (x1+2*h);
end
Area = (h/3)*Area;
fprintf('The value Area is =%f',Area )
```

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%OUTPUT
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```
Enter the value of x1 = 25
Enter the value of xn = 125
Enter the value of n = 4
The value Area is =210.000000
```