

EXPERIMENT-9

AIM:

Write a program to add salt & pepper noise in an image and remove the noise by median filter method using median filter inbuilt function.

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___ roll no-cse 047 ___

CODE

```
clear all;  
clc;  
%read an image  
org_image=imread('C:\Users\AKASH DEEP DAS\Downloads\dipimage.jpg');  
noisy_image=imnoise(org_image,'salt & pepper',0.2);  
filtered_image=medfilt2(noisy_image,[3,3]);  
subplot(1,3,1),imshow(org_image),title('original image'),  
subplot(1,3,2),imshow(noisy_image),title('noisy image'),  
subplot(1,3,3),imshow(filtered_image),title('filtered image')
```

OUTPUT

