```
function [phase_A , phase_B , phase_C]= phase_locations(text_path, N_circuit)
  %resistance (R), reactance (X) and susceptance (B)

input_file= fopen(text_path);

for i = 1:14
    fgetl(input_file);
end  %skips the initial info and arrives at phase locations


fgetl(input_file); %15

phase_C(1)=str2double(fgetl(input_file));
phase_C(2)=str2double(fgetl(input_file));

fgetl(input_file); %18

phase_A(1)=str2double(fgetl(input_file));
phase_A(2)=str2double(fgetl(input_file));

fgetl(input_file); %21

phase_B(1)=str2double(fgetl(input_file));
phase_B(2)=str2double(fgetl(input_file));


if(N_circuit==2)

    fgetl(input_file); %24

    phase_C(3)=str2double(fgetl(input_file));
    phase_C(4)=str2double(fgetl(input_file));

    fgetl(input_file); %27

    phase_A(3)=str2double(fgetl(input_file));
    phase_A(4)=str2double(fgetl(input_file));

    fgetl(input_file); %30

    phase_B(3)=str2double(fgetl(input_file));
    phase_B(4)=str2double(fgetl(input_file));

else
    phase_C(3)=0;
    phase_C(4)=0;

    phase_A(3)=0;
    phase_A(4)=0;

    phase_B(3)=0;
    phase_B(4)=0;
```

```
end


end
```

```
Not enough input arguments.

Error in phase_locations (line 4)
input_file= fopen(text_path);
```

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