Answer

If you need any other information regarding this answer

you can contact me in the comment section

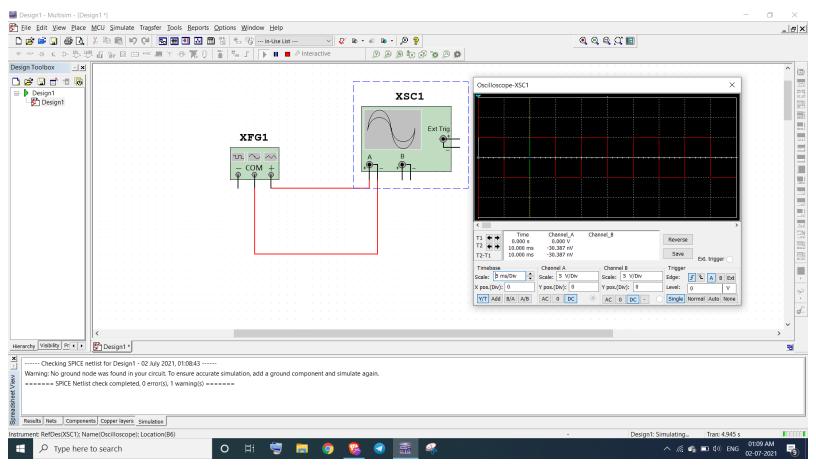
If the answer helps you, give this answer a thumbs up,

Thank you

Answer

1)

f = 100Hz



2)

