Project-4

There are 15 Players and nations eng, Sa, aus, newze, pakis, srilan,bangla, westi, Select the best 12 out of 15 for Specific Tour. There must not be more than 7 batsman(only top 7) and not more than 5 Bowlers. Players with international experience should have series-wise record from 2018 to 2020, for example

User Input

Name :Virat kohli

Type: BatsMan

	Year	Matches	Innings	Average	Strike-rate 50/100
Aus Tour:	2018				
	2019				
	2020				
ENG Tour:	2018				
	2019				
	2020				

Name:Jaspreet

Type: Bowler

	Year	Matches	Innings	Average	Wickets	Economy
Aus Tour:	2018					
	2019					
	2020					
ENG Tour:	2018					
	2019					
	2020					

Based on above inputs and conditions

1) If a Batsman has average above 40 in all four years, he must be selected for that particular country for next tour.
2) If a batsman has not scored with the average above 40 in 4 years but in last year or current year has scored with an average above 50, he must be selected for next tour.
3) If a batsman has played less than 20 matches, he should have strike rate more than hundred and average above 30.
4) If a bowler has taken 40 wickets or more in last or current year, he must be selected.
5) If bowler has taken more than 150 wickets in total in must be selected.
6) If Bowler has play less than 10 matches, then he should have either 16 wickets or economy less than 5.

Output:

Batsman Selected for

Ausie tour: Virat,Rohit,Shikhar,Rishab,hardik,Manish, Ambati

1) SA tour   : Virat,Rohit,Shikahar, Manish,Shreyas,Wriddhiman
2) Eng Tour   : Rohit,Virat, Shikahar,Ambati,hardik.

Bowler Selected for

1) Ausie tour : Bhuvneshwar Kumar,Jaspreet,Mohd. Shami,Khaleel.
2) Eng Tour   : Jaspreet, Bhuvneshwar,Siraj,shami,umesh

Note: Batsman must be displayed according to average, and bowler with economy.