

```

In [2]: #Rock vs paper-> paper wins
#Rock vs scissor-> Rock wins
#paper vs scissor-> scissor wins
def project():
    import random
    choices=[1,2,3]
    computer=random.choice(choices)
    player_score=0
    computer_score=0
    while True:
        player=int(input('enter your choice(1:- rock, 2:-paper, 3:-scissors,4:-exit):- '))
        if computer==player:
            print('tie')
        elif player==1:
            if computer==2:
                print('you win!', 'player' , 'you lose!', 'computer' )
                player_score+=1
            else:
                print('you win!' , 'computer' , 'you lose!', 'player')
                computer_score+=1
        elif player==3:
            if computer==1:
                print('you win', 'computer', 'you lose!', 'player')
                computer_score+=1
            else:
                print('you win', 'player', 'you lose!', 'computer')
                player_score+=1
        elif player==2:
            if computer==3:
                print('you win!', 'computer', 'you lose!', 'player')
                computer_score+=1
            else:
                print('you win!', 'player', 'you lose!', 'computer')
                player_score+=1
        elif player==4:
            print('final score')
            print(f'computer score:- {computer_score}')
            print(f'player score:- {player_score}')
            break
        else:
            print('not valid')
            computer=random.choice(choices)
    project()

```

```

enter your choice(1:- rock, 2:-paper, 3:-scissors,4:-exit):- 1
you win! player you lose! computer
enter your choice(1:- rock, 2:-paper, 3:-scissors,4:-exit):- 4
final score
computer score:- 0
player score:- 1

```

In []:

