Hardhat Smart Contract Lottery

```
event RequestedRaffleWinner(uint256 indexed requestId);
event RaffleEnter(address indexed player);
event WinnerPicked(address indexed player);
constructor(
   address vrfCoordinatorV2,
   uint64 subscriptionId,
    bytes32 gasLane, // keyHash
   uint256 interval,
   uint256 entranceFee,
) VRFConsumerBaseV2(vrfCoordinatorV2) {
   i_vrfCoordinator = VRFCoordinatorV2Interface(vrfCoordinatorV2);
   i_gasLane = gasLane;
   i interval = interval;
    s_raffleState = RaffleState.OPEN;
    s_lastTimeStamp = block.timestamp;
    i_callbackGasLimit = callbackGasLimit;
function enterRaffle() public payable {
    if (msg.value < i_entranceFee) {</pre>
       revert Raffle__SendMoreToEnterRaffle();
    if (s_raffleState != RaffleState.OPEN) {
       revert Raffle_RaffleNotOpen();
    s_players.push(payable(msg.sender));
    emit RaffleEnter(msg.sender);
```

```
function getRaffleState() public view returns (RaffleState) {
   return s_raffleState;
function getNumWords() public pure returns (uint256) {
   return NUM_WORDS;
function getRequestConfirmations() public pure returns (uint256) {
   return REQUEST_CONFIRMATIONS;
function getRecentWinner() public view returns (address) {
   return s_recentWinner;
function getPlayer(uint256 index) public view returns (address) {
  return s_players[index];
function getLastTimeStamp() public view returns (uint256) {
   return s_lastTimeStamp;
function getInterval() public view returns (uint256) {
   return i_interval;
function getEntranceFee() public view returns (uint256) {
   return i_entranceFee;
function getNumberOfPlayers() public view returns (uint256) {
   return s_players.length;
```