Path generation in Combined Potential:

Goal:	(20,25)	Obstacle :	(-20,-25)
Radius of Goal:	2 units	Radius of the obstacle:	2 units
S (Goal):	15 units	s(Obstacle):	20 units
alpha (Goal):	3 units	beta(Obstacle):	4 units

Robot Start location: (-60,-80)
blue circle represents the goal   red circle represents the obstacle
orange represents the path of the robot.