

```

// SIMPLE AUTON ROUTINE FOR SKILLS BOT IF USED IN MATCH
double redAuton[] = {
    0, // START AT 0°

    WRISTSEEK, WRIST_FORWARD_POS, // LOWER WRIST
    FLIPSEEK, FLIP_POS1, // FLIPPER SEEK TO STOP DRIFT
    DRIVE, 100, 0, DISTANCE, 0.55, 1, // DRIVE TO SEND BALL TO RED
    BOT
    DRIVE, -100, 0, DISTANCE, 0.55, 1, // DRIVE BACK

    TURN, 90, 2, // TURN TO FACE CAP
    DRIVE, -127, 90, DISTANCE, 1.5, 2, // DRIVE TO KNOCK CAP
    DRIVE, -127, 90, DISTANCE, 0.5, 2, // DRIVE MORE
    DRIVE, 127, 90, DISTANCE, 1, 2, // DRIVE BACK

    TURN, 40, 2, // TURN TO FACE NEXT CAP
    DRIVE, -60, 40, DISTANCE, 1, 3, // DRIVE TO CAP
    FIRE, // FIRE SO CATAPULT GOES DOWN
    PAUSE, 3, // WAIT WHILE CATAPULT LOWERS

    WRISTSEEK, WRIST_VERTICAL_POS, // RAISE WRIST TO DUMP CAP
    BALLS IN
    PAUSE, 1, // WAIT FOR BALLS TO LAND
    DRIVE, 60, 40, DISTANCE, 0.3, 1, // DRIVE BACK
    FLIP, // FLIP THE CAP
    WRISTSEEK, WRIST_FORWARD_POS, // AND PUT IT DOWN

    TURN, 320, 2, // TURN TO FACE OPPONENT FLAGS
    PAUSE, UNTIL, 35, // WAIT UNTIL NEAR THE END
    FIRE, // FIRE AT OPPONENT FLAGS
    PAUSE, FIRED, 5, // PAUSE UNTIL FIRE DONE

    TURN, 350, 2, // TURN TO FACE PLATFORM
    DRIVE, 100, 355, DISTANCE, 0.85, 2, // DRIVE TO PLATFORM
    PAUSE, 1, // SHORT PAUSE
    DRIVE, 60, 0, DISTANCE, 2, 2, // PARK

    END // END OF ROUTINE
};

```