

COP 3223 Section 1

Practice Problems #5 – Fall 2011

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1. Write a function that computes the value of the following polynomial:

$$3x^5+2x^4-5x^3-x^2+7x-6$$

Write a program that asks the user to enter the value of x , calls the function to compute the value of the polynomial, and then displays the value returned by the function.

2. Download the `deal.c` and `poker.c` files from Webcourses. Create a function called `generate_hand()` that will create a random hand of cards. Use the code from `deal.c` to define this function. Include `generate_hand()` in `poker.c` so it will automatically generate a 5 card hand and then tell the user what the program classified the hand as. This function will replace the `read_cards()` function.