Screen shot is attached on page 2 of the document .Question 4 of week 4 PF lab : /\*4. An online shopping store is providing discounts on the items due to the Eid. If

the cost of items is less than 2000 it will give a discount up to 5%. If the cost of

shopping is 2000 to 4000, a 10% discount will be applied. If the cost of

shopping is 4000 to 6000, a 20% discount will be applied. If it&#39;s more than 6000

then a 35% discount will be applied to the cost of shopping. Print the actual

amount, saved amount and the amount after discount. The Minimum amount

eligible for a discount is 500.\*/

#include<stdio.h>

int main()

{

float cost;//to store actual amount

float \_DP;//to store discounted price

float \_SA;//to store saved amount

printf("Enter the actual price/cost : ");

scanf("%f",&cost);

if(cost<500)

{

printf("no discount offered\n\t\t");

printf("%f\n",cost);

printf("Dicounted price is not being offered\n");

printf("Saved amount is Rs zero.");

}

else if(cost>=500 && cost<2000)

{

printf(" 5 percent Discount offered!\n");

printf("%f\n",cost);

\_DP = (0.05\*cost);

\_SA = cost-\_DP;

printf("%f\n",\_DP);

printf("%f",\_SA);

}

else if(cost>=2000 && cost<4000)

{

printf(" 10 percent Discount offered!\n");

printf("%f\n",cost);

\_DP = (10/100)\*cost;

\_SA = cost-\_DP;

printf("%f\n",\_DP);

printf("%f",\_SA);

}

else if(cost>=4000 && cost<=6000)

{

printf(" 20 percent Discount offered!\n");

printf("%f\n",cost);

\_DP = (20/100)\*cost;

\_SA = cost-\_DP;

printf("%f\n",\_DP);

printf("%f",\_SA);

}

else if(cost>6000)

{

printf(" 35 percent Discount offered!\n");

printf("%f\n",cost);

\_DP = (35/100)\*cost;

\_SA = cost-\_DP;

printf("%f\n",\_DP);

printf("%f",\_SA);

}

else{

printf("Invalid data entered!");

}

return 0;

}

