

BSC IN COMPUTER SCIENCE

OOPS Using JAVA Lab (E1UJ201C)



Session 2022-2023

Java Report File

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Submitted To: Pushpa Singh

Acknowledgement

Dear miss,

We are writing this to express our sincere gratitude and acknowledge your invaluable guidance and support throughout the course of our Java programming studies. As we complete our report file on Java, I feel compelled to extend my appreciation for your unwavering commitment to fostering our learning and growth.

Your expertise in Java programming, coupled with your passion for teaching, has had a profound impact on our understanding of this language. Your patience and willingness to address our queries, have exemplified your dedication to our success.

We are particularly grateful for the constructive feedback you provided on our assignments and projects.

Thank you for being an exceptional teacher and for your unwavering commitment to our education.

Yours sincerely,

Rahul and Monika

Introduction/Objective

The University Management System project in java is a fully functional project which includes information about University. The purpose of the project is to provide student an overview about the University.

The code represents a project about Galgotias University, including various classes and methods to display information about the University, its schools, programs, application form, contact details and more.

The complete code is written in java programming language in the IDE Visual Studio. Some user-built and in-built classes and methods are also used in this code.

In this report, we would also discuss about various functions implemented and their role in achieving the project's objectives. Overall, the code provides a simple text-based interface to navigate through the project's different sections and gather information about Galgotias University.

Functions in project

- **clearTerminal():** This function clears the terminal screen based on the operating system.
- **HomePage():** Displays the homepage of Galgotias University with various options to choose from.
- **About():** Displays information about Galgotias University.
- **Programs():** Displays information about the courses, fees, and eligibility criteria at Galgotias University.
- **Schools():** Displays the list of schools at Galgotias University.
- **ApplyNow():** Takes input from the user for their personal details and displays the submitted details.
- **ContactUs():** Displays contact information for Galgotias University, including the address and phone numbers for different departments.
- **Exit():** Display the end message.
- **Exit or Homepage():** Asks the user if they want to return to the homepage or exit the program based on their choice.

These functions collectively provide a menu-driven interface for the Galgotias University program, allowing users to navigate through different sections, view information, apply, and contact the university.

Summary Report of the code

Here's a breakdown of the code:

- The ``All_About_Project`` class contains methods related to different aspects of the project.
- The ``clearTerminal`` method is used to clear the terminal screen.
- The ``HomePage`` method displays the main menu of the project, allowing the user to choose various options such as "About," "Programs and Fees," "Schools," "Apply Now," "Contact Us," or "Exit."
- The ``About`` method provides information about Galgotias University, including its accreditation, establishment, and achievements.
- The ``Programs`` method lists the available courses at Galgotias University, along with their tuition fees and eligibility criteria.
- The ``Schools`` method displays the different schools within Galgotias University.
- The ``ApplyNow`` method prompts the user to enter personal details and then displays the entered information.
- The ``ContactUs`` method provides contact information for Galgotias University, including address, phone numbers, and email addresses.
- The ``Exit`` method displays a farewell message.
- The ``Exit_or_Homepage`` method prompts the user to either return to the homepage or exit the program based on their input.
- The ``Project`` class contains the ``main`` method, which creates an instance of the ``All_About_Project`` class and calls the ``HomePage`` method to start the project.

Description of each options

➤ About the Galgotias University:

- Provides information about the university's achievements, accreditation, and establishment.
- Describes the vision, infrastructure, and teaching methods of the university.

➤ Programs and Fees:

- Lists various courses offered by the university along with their tuition fees and eligibility criteria.
- Courses include B.Sc., MBA/PGDM, B.A., BCA, B.Com, B.A. LL.B., D.Pharma, and more.

➤ Schools of Galgotias:

- Lists the different schools within Galgotias University.
- Schools include Computing Science & Engineering, Engineering, Agriculture, Architecture & Design, Basic & Applied Sciences, Business, Education, Finance & Commerce, Hospitality & Tourism, Law, Liberal Education, Medical and Allied Sciences, Nursing, and University Polytechnic.

➤ Apply Now:

- Provides an application form for interested individuals to apply.
- Collects personal information such as full name, gender, state, district, specialization, email, and mobile number.
- Displays the applicant's details and a successful application message.

➤ Contact Us:

- Provides contact information for Galgotias University.
- Includes the university's address, phone numbers, and email contacts for general enquiries, national admission enquiries, and international admission enquiries.

➤ Exit: Displays a thank you message for visiting the project.

Output

The code starts from here:

```
-----GALGOTIAS UNIVERSITY-----

----- Schools of Galgotias -----

At the School of Galgotias, excellence is what we strive to achieve.
Our infrastructure, faculty, vision, ideals, and teaching methods make us a premier university

There are many thing to visit:-----

Press- 1: About
Press- 2: Programs and Fees
Press- 3: Schools
Press- 4: Apply Now
Press- 5: Contact Us
Press- 6: Exit
©
Enter Your choice: █
```

Option 1: About the university

```
----- ABOUT THE GALGOTIAS UNIVERSITY -----

The Galgotias University achieved the highest benchmark towards Academic Excellence NAAC A+ Accred firstCycle.
This makes Galgotias the Only Private University in Uttar Pradesh with the Highest NAAC Score of 3.37 out of 4 Awarded by NAAC & the Highest Graded Autonomous Institute of the UGC, Ministry of Education, Govt. of India.

The Galgotias University, Uttar Pradesh, sponsored by Smt. Shikantala Educational and Welfare Society, has been established by state of Uttar Pradesh under section 2(f) of the UGC Act, 1956 vide The Galgotias University Uttar Pradesh Act, 14 of 2011.
The University commenced its operation from the academic session 2011-12.

Enter 1 for GO To Home page:--
Enter any Number to Exit:-----
```

Option 2: Program fees and eligibility

```
----- Galgotias university Courses, Fees and Eligibility -----

Courses                Total tuition Fees                Eligibility
B.Sc. (28 Courses)     INR 1.45 L - 4.4 L (for 3-4 years) 10+2 : 50-60 % Exams :CUETCBSE 12th+1 more
MBA/PGDM (14 Courses)  INR 2.98 L - 4.35 L (for 2-5 years) 10+2 : 45-50 % Graduation : 50-60 %Exams :MATCAT+5 more
B.A. (7 Courses)       INR 1.48 L - 2.41 L (for 3 years)   10+2 : 50 % Exams :CUETCBSE 12th+1 more
BCA (10 Courses)       INR 2.26 L - 3.95 L (for 3-5 years) 10+2 : 50 % Exams :CUETCBSE 12th+1 more
B.Com (3 Courses)      INR 2.95 L - 3.31 L (for 3 years)   10+2 : 50 % Exams :CUET
B.A. LL.B. (1 Courses) INR 5 L (for 5 years)              10+2 : 55 % Exams :CLATCUET
D.Pharma (1 Courses)   INR 2.1 L (for 2 years)             Exams :JEECUP
D.Pharma (1 Courses)   INR 2.1 L (for 2 years)             Exams :JEECUP
AND MANY MORE -----

Enter 1 for GO To Home page:--
Enter any Number to Exit:-----

Enter your choice: █
```

Option 3: Schools in university are displayed.

```
----- SCHOOLS OF GALGOTIAS -----  
  
School of Computing Science & Engineering  
School of Engineering  
School of Agriculture  
School of Architecture & Design  
School of Basic & Applied Sciences  
School of Business  
School of Education  
School of Finance & Commerce  
School of Hospitality & Tourism  
School of Law  
School of Liberal Education  
School of Medical and Allied Sciences  
School of NursingUniversity Polytechnic  
  
Enter 1 for GO To Home page:--  
Enter any Number to Exit:-----  
  
Enter your choice: █
```

Option 4: To fill application form with details

```
----- APPLICATION FORM -----  
  
Enter your Full Name: Bhawana  
Enter your Gender: Female  
Enter your State: Uttrakhand  
Enter your District: Nainital  
Enter Specialization: computer science  
Enter your Email: bhawana007@gmail.com  
Enter your Mobile Number: 8859232895  
  
----- YOUR ALL DETAILS ARE -----  
  
Name: Bhawana  
Gender: Female  
State: Uttrakhand  
District: Nainital  
Specialization: computer science  
Email: bhawana007@gmail.com  
Mobile number: 8859232895  
----- You have SUCESSFULLY APPLIED -----  
  
----- Thanks for Apply -----
```


Option 5: Contact to connect with university

```
----- CONTACT US -----  
  
Galgotias university:  
  
Plot No.2, Sector 17-A  
Yamuna Expressway,  
Greater Noida, Opposite Buddh International Circuit, Gautam Buddh Nagar,  
Uttar Pradesh, India  
  
For General Enquiry:---  
  
Phone: 0120-4806800  
Examination Helpdesk ? Ext = 863  
Academic Helpdesk ? Ext = 839 / 840  
ERP Helpdesk ? Ext = 824  
Accounts Helpdesk ? Ext = 939 / 848  
Placement Helpdesk ? Ext = 804  
  
For National Admission Related Enquiry:---  
  
Phone: 0120-4370000  
Phone: +91-9582847072  
Phone: +91-9717300418  
WhatsApp Chat: +91 9971026125  
Email:admissions@galgotiasuniversity.edu.in  
  
For International Admission Related Enquiry:---  
  
Phone: 0120-4806884  
Phone: +91- 7838141101  
Email: international.office@galgotiasuniversity.edu.in  
  
Enter 1 for GO To Home page:--  
Enter any Number to Exit:-----  
  
Enter your choice: █
```

Option 6: Exit the program.

End of report...